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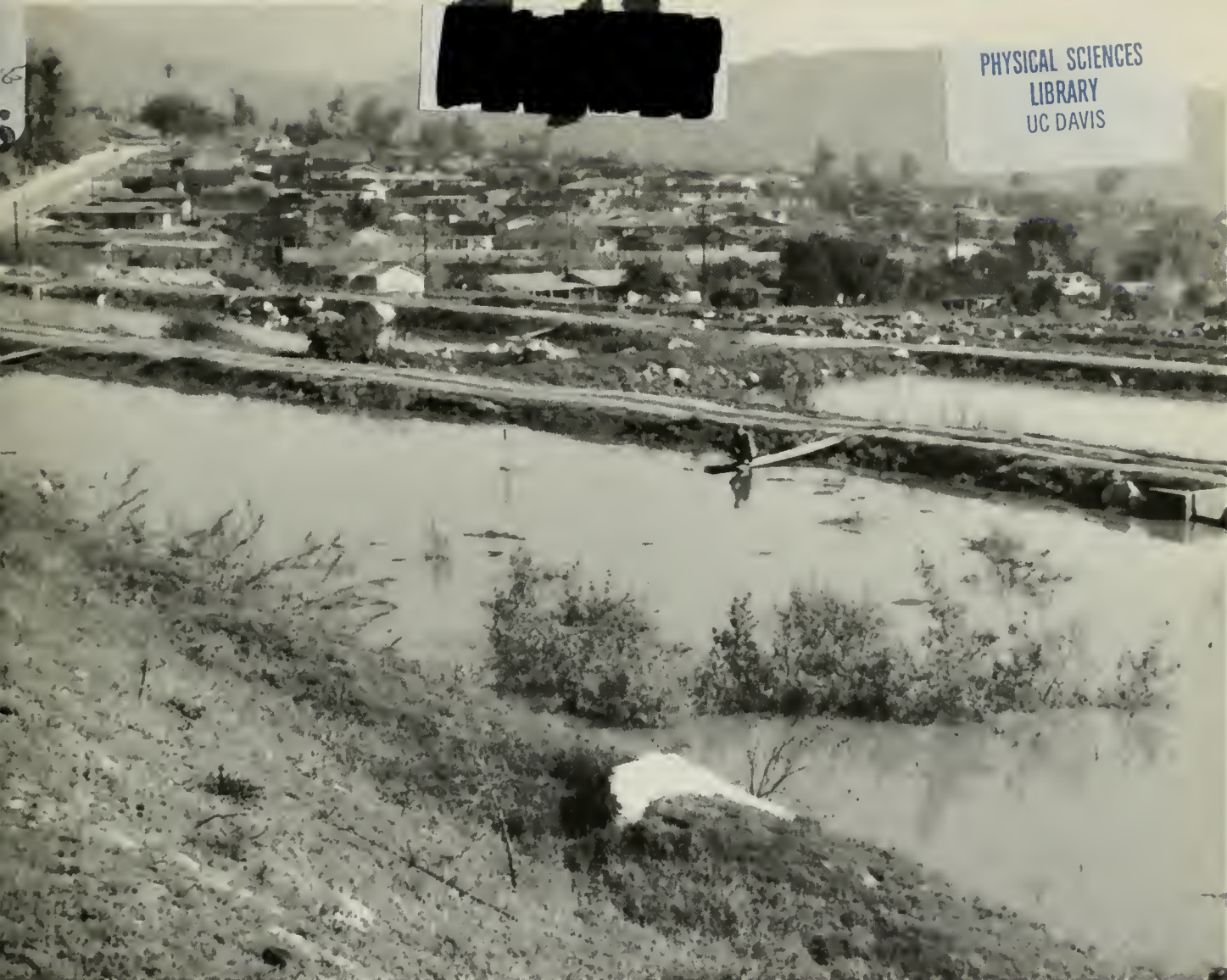
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Bulletin 130-85  
July 1988

# HYDROLOGIC DATA 1985

## Volume V: Southern California



Donald K. Van Vleck

Secretary for Resources  
Water Resources Agency

George Deukmejian

Governor  
State of California

David N. Kennedy

Director  
Department of Water Resources

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ON THE COVER: Sierra Madre water spreading grounds in the foothills of the San Gabriel Mountains use diverted storm flows to recharge the ground water supplies. Ground water supplies in Los Angeles County are augmented annually by spread or injected water from the Colorado River, flood flows, and reclaimed water.

**Department of  
Water Resources**

**Bulletin 130-85**

# **HYDROLOGIC DATA 1985**

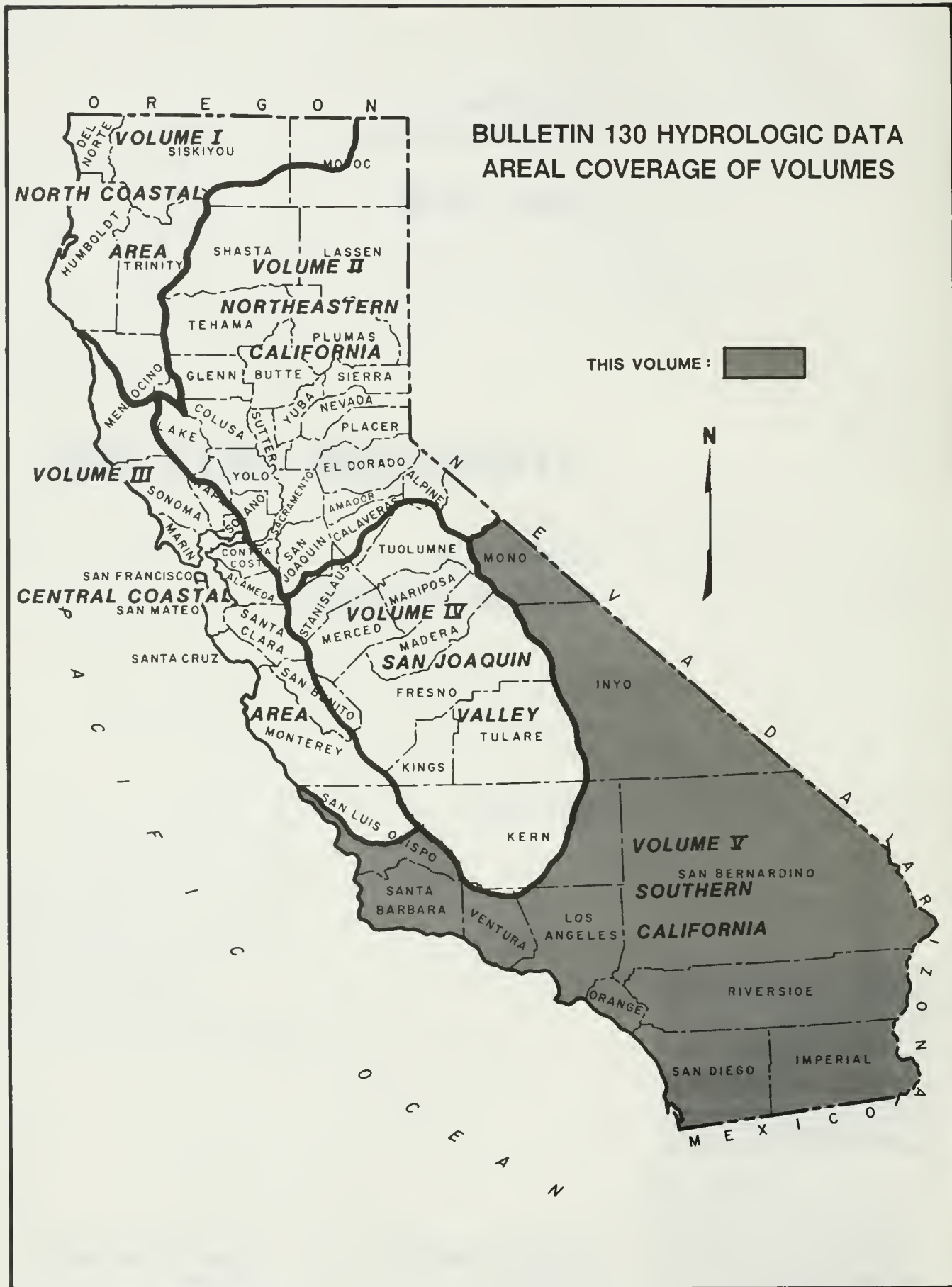
**Volume V:  
Southern California**

**May 1988**

**Gordon K. Van Vleck  
Secretary for Resources  
The Resources  
Agency**

**George Deukmejian  
Governor  
State of  
California**

**David N. Kennedy  
Director  
Department of  
Water Resources**

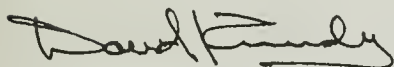


## FOREWORD

Department of Water Resources' Bulletin 130 series, which presents hydrologic data for California, was published annually from 1963 to 1975. The series was discontinued with the advent of the storage and retrieval of hydrologic data by electronic data processing methods. However, continued interest in the series prompts resumption of publication.

The first in the resumed series is Bulletin 130-85. It contains hydrologic data for the 1985 water year (October 1, 1984 through September 30, 1985). The Bulletin is published in five volumes, each of which reports on one of the five areas of the State delineated on the facing map. This volume covers Southern California.

The data collection program of the Department of Water Resources supplements similar activities by other agencies to obtain the information required for effective water resources planning, design and operation of water facilities, and for control and management of the State's water resources.



David N. Kennedy, Director  
Department of Water Resources

# CONTENTS

	Page
BULLETIN 130 HYDROLOGIC DATA AREAL COVERAGE OF VOLUMES .....	ii
FOREWORD .....	iii
CALIFORNIA WATER COMMISSION .....	vi
ORGANIZATION, DEPARTMENT OF WATER RESOURCES .....	vii
ACKNOWLEDGMENTS .....	viii
INTRODUCTION .....	1
Station Location and Identification .....	1
Areal Designation Code .....	2
Agency Code .....	2
Additional Information .....	inside back cover

## APPENDIXES

APPENDIX A – CLIMATOLOGICAL DATA .....	11
Table A      Monthly Precipitation, .....	15
APPENDIX B – SURFACE WATER MEASUREMENT .....	21
Index to Daily Mean Discharge Table .....	22
Table B.      Daily Mean Discharge .....	26
APPENDIX C – SURFACE WATER QUALITY .....	37
Sampling Station Index, Southern California .....	38
Table C-1.    Mineral Analyses of Surface Water .....	47
Table C-2.    Minor Element Analyses of Surface Water .....	60
Table C-3.    Miscellaneous Analyses of Surface Water .....	62
Table C-4.    Nutrient Analyses of Surface Water .....	66
APPENDIX D – GROUND WATER MEASUREMENTS .....	71
Appendix D Cross Reference: Ground Water Basin—Areal Code .....	75
Table D.      Ground Water Levels at Wells .....	81
APPENDIX E – GROUND WATER QUALITY .....	161
Appendix E Cross Reference: Ground Water Basin—Areal Code .....	164
Table E-1.    Mineral Analyses of Ground Water .....	167
Table E-2    Minor Element Analyses of Ground Water .....	192
Table E-3    Miscellaneous Analyses of Ground Water .....	200
Table E-4    Nutrient Analyses of Ground Water .....	202

## CONTENTS (continued)

### FIGURES

1. Hydrologic Basins of California .....	3
2. Areal Codes and Townships	
Central Coastal Basin .....	4
Los Angeles Basin .....	5
Santa Ana Basin .....	6
South Lahontan Basin .....	7
San Diego Basin .....	8
Colorado River Basin .....	9
3. Hydrologic Basins and Units for Locating Climatological Stations in Vol. V .....	12
4. Location of Surface Water Measurement Stations	
Los Angeles Basin .....	24
South Lahontan Basin .....	25
5. Location of Surface Water Quality Stations	
Central Coastal Basin .....	41
Los Angeles Basin .....	42
Santa Ana Basin .....	43
South Lahontan Basin .....	44
San Diego Basin .....	45
Colorado River Basin .....	46
6. Township and Range System of California .....	72
7. Location of Ground Water Basins—Measurement	
Central Coastal and South Coastal Basins .....	78
South Lahontan Basin .....	79
Colorado River Basin .....	80
8. Location of Ground Water Basins—Quality	
Central Coastal and South Coastal Basins .....	165
South Lahontan Basin .....	166

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The California Water Commission serves as a policy advisory body to the Director of Water Resources on all California water resources matters. The nine-member citizen commission provides a water resources forum for the people of the State, acts as a liaison between the legislative and executive branches of State Government, and coordinates federal, state, and local water resources efforts.

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Ramona Municipal Water District  
Redlands, City  
Riverside, City  
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San Diego, City  
San Luis Obispo County Flood Control and Water Conservation District  
Santa Maria Valley Water Conservation District  
Santa Paula Water Works Limited  
Southern California Water Company  
Temescal Water Company  
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Ventura County Flood Control District  
Vista Irrigation District  
Western Municipal Water District

## INTRODUCTION

Bulletin 130-85 presents data on the quantity and quality of California's water resources for the water year October 1, 1984 through September 30, 1985. These data were collected by the Department of Water Resources and other organizations cooperating with the Department. The data are published in five volumes (for areal coverage of volumes see page ii). This volume encompasses Southern California. Each volume contains data presented in five appendixes as follows:

Appendix	Subject
A	Precipitation Measurements
B	Surface Water Measurements
C	Surface Water Quality
D	Ground Water Measurements
E	Ground Water Quality

Inquiries regarding the data in this publication should be directed to the offices of the Department of Water Resources listed inside the back cover. The Department's files also contain some data currently not being published, which are also available from these offices.

Additional information about the availability of hydrologic data for California will be found in Department of Water Resources Bulletin 230 series "Index to Sources of Hydrologic Data." This reference series presents an inventory of historic hydrologic data on file with the Department. The most recent issue is Bulletin 230-81. A new edition is in preparation.

### Station Location and Identification

The locations of surface water measurement and surface water quality data stations are shown on figures included with the respective appendix. Because there are so many precipitation stations and individual wells, plotting them on a map in this volume is impractical. Instead, figures are presented in the respective appendix which delineate the areas for which data are listed in the volume.

The principal identifiers for locating hydrologic data stations are (1) station name, (2) station number, (3) latitude and longitude, (4) township, range and section (T,R and S) and (5) county. All are used in this publication, but vary with the type of data and common usage. For example, in ground water the township, range and section serve as the station name and number.

A sixth identifier, an areal one, is employed in this publication. Called the "Areal Designation Code," it is the signature for the Department's Areal Designation System which was developed to relate all water resources data to areal location. The Areal Designation System and Code are described in the following section.

Detailed explanations of the station names and station numbers used for each type of data appear with the appendix in which the data appear.

Latitude is the angular measurement from the equator, north or south, to a point of interest on the earth's surface. Longitude is the angular measurement from the prime meridian (zero point) at Greenwich, England, east or west, to a point of interest on the earth's surface. Latitude and longitude are given in degrees, minutes and seconds. A difference of one second of latitude represents about

100 feet on the ground. In California, a difference of one second of longitude represents about 85 feet on the ground.

### **Areal Designation Code**

The areal designation code (called simply the "areal code") is an alphanumeric which designates a specific hydrologic area in the State.

Areal designation defines hydrologic boundaries throughout California. Under this system, the State is divided into four geographic levels based on topography, hydrology, geology and occasionally, institutional considerations. These are designated, in decreasing size, hydrologic basin (HB), hydrologic unit (HU), hydrologic area (HA) and hydrologic subarea (HSA). The first level, the hydrologic basin, is the land area defined by the highest surrounding ridges such that each separate land area is easily identified as independent of the others. There are 12 hydrologic basins in California and each is identified by a letter (see Figure 1). Each of the hydrologic basins is divided into a hydrologic unit which encompasses a major watershed, two or more small contiguous watersheds having similar characteristics, or a closed drainage area. The third level of subdivision is the hydrologic area and the fourth and smallest breakdown is the hydrologic subarea. The latter usually is a single ground water basin, a definable portion of a larger ground water basin, a tributary area of a stream system, or a definable portion of a large stream tributary.

The code used to identify each subdivision consists of five characters; a letter for the hydrologic basin; two numerics for the hydrologic unit; a letter for the hydrologic area; and a single numeric for the hydrologic subarea; i.e., T-10.A2 designates the Arroyo de la Cruz Hydrologic Subarea in this volume.

Because several stations may be located in a given hydrologic subarea, the areal code facilitates locating and comparing nearby stations be they precipitation, streamflow, water quality or ground water stations. The areal code is used as an identifier for all stations in this report. The Water Data Information System (WDIS), a computerized data system of the Department of Water Resources, can retrieve all data types by areal code.

Areal codes and boundaries for this volume appear on Figure 2. A map showing all areal codes and boundaries in California as well as a list of all 1,309 subdivisions and their names is available on request.

### **Agency Code**

Reference is made in various tables in this publication to code numbers used to identify agencies collecting data, operating stations, or performing laboratory analysis (Lab). The agencies or laboratories may be identified by matching the tabulated code number with one of the code numbers listed at the beginning of the respective appendix. A complete cross index of agencies and code numbers is available on request.

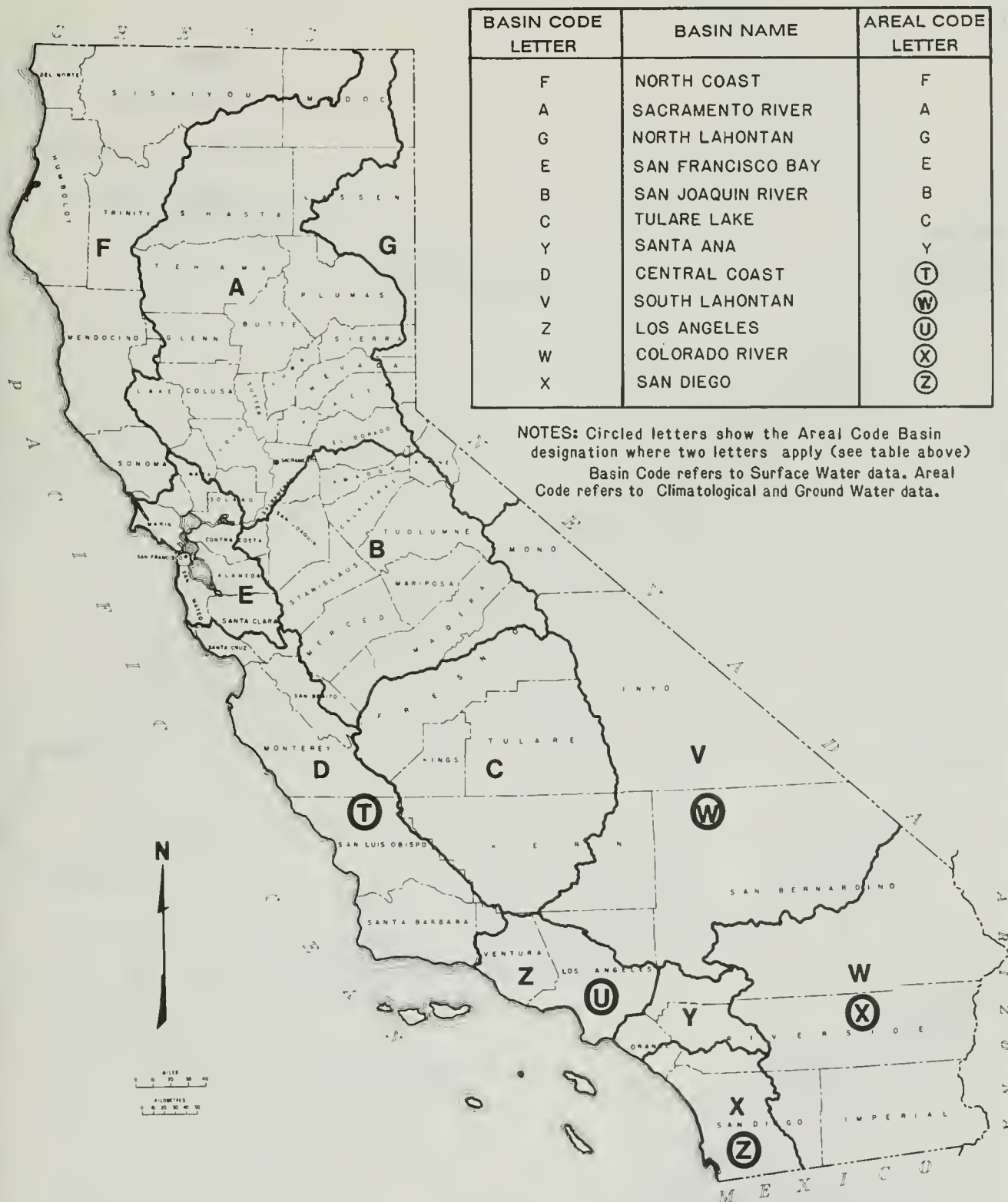
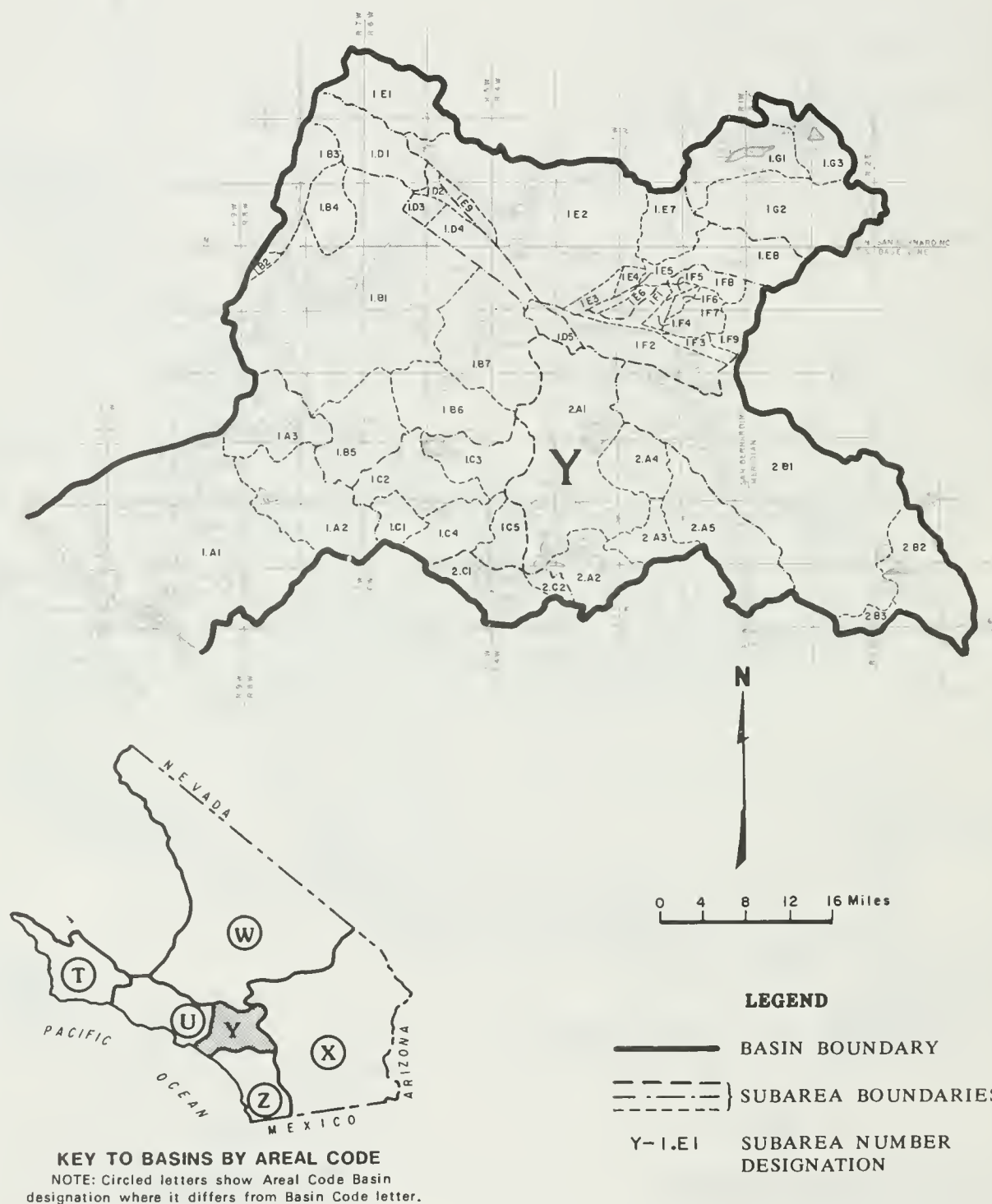


Figure 1. HYDROLOGIC BASINS OF CALIFORNIA

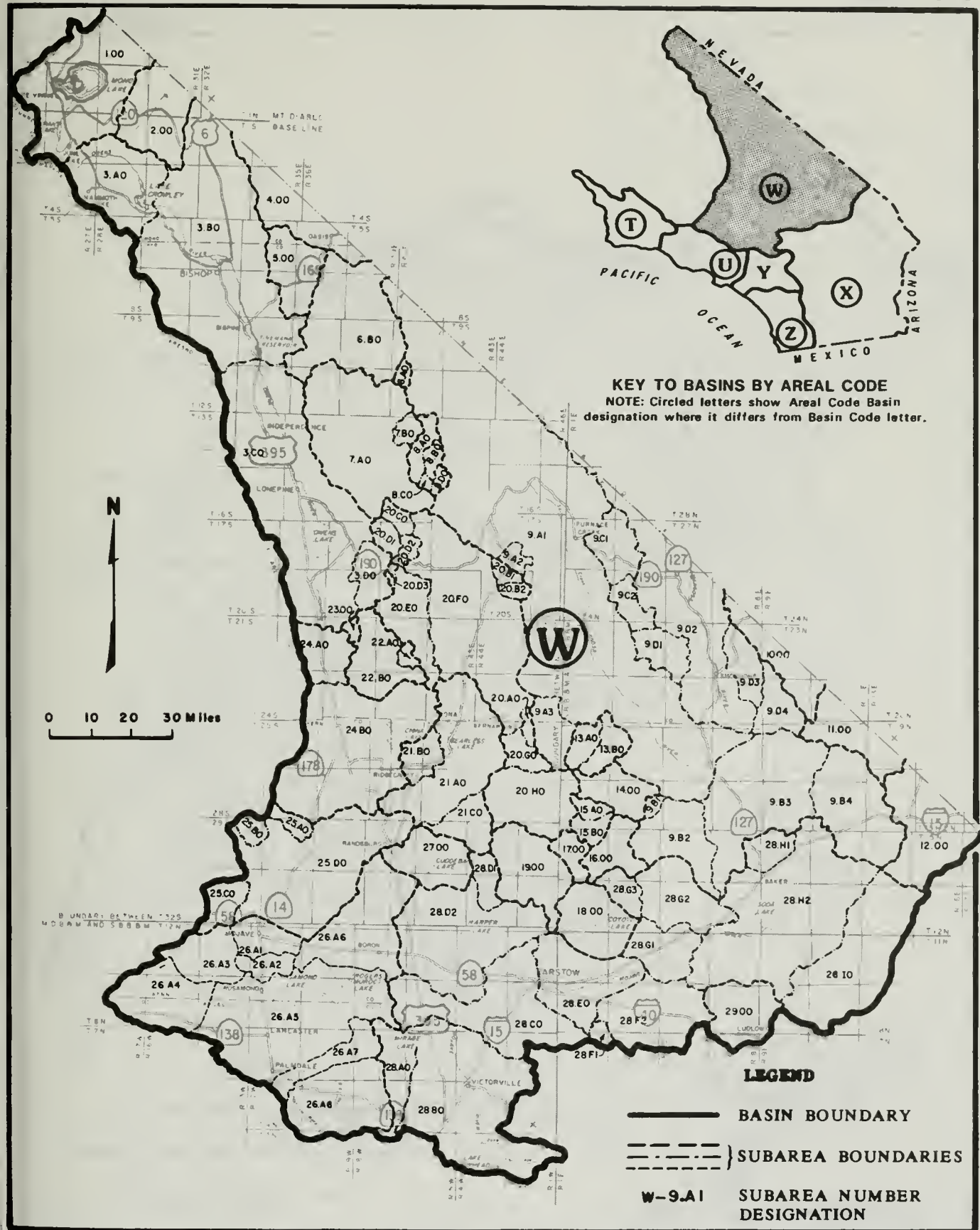




Figure 2 AREAL CODES AND TOWNSHIPS  
 LOS ANGELES BASIN



**Figure 2 AREAL CODES AND TOWNSHIPS  
 SANTA ANA BASIN**



**Figure 2 AREAL CODES AND TOWNSHIPS  
 SOUTH LAHONTAN BASIN**

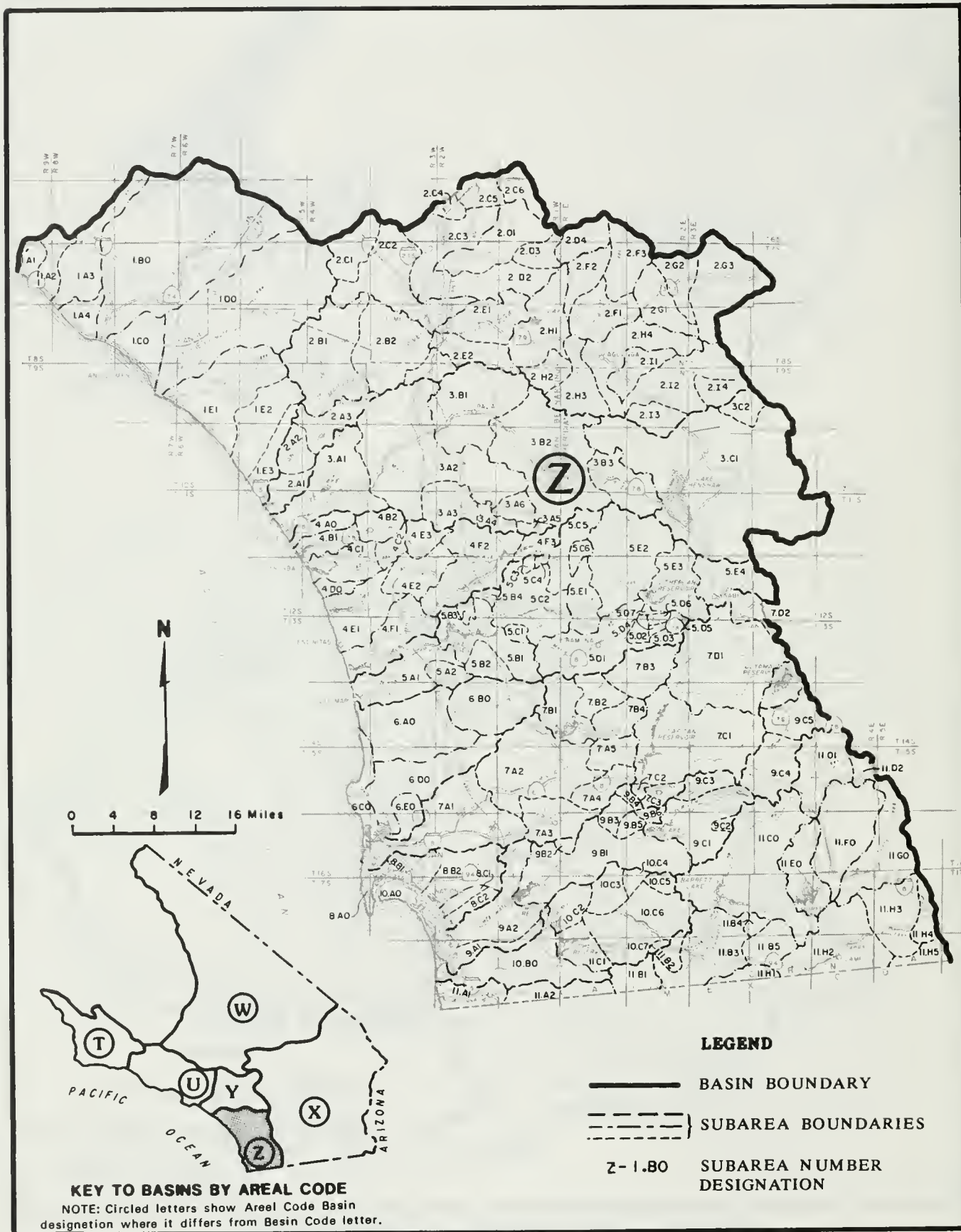
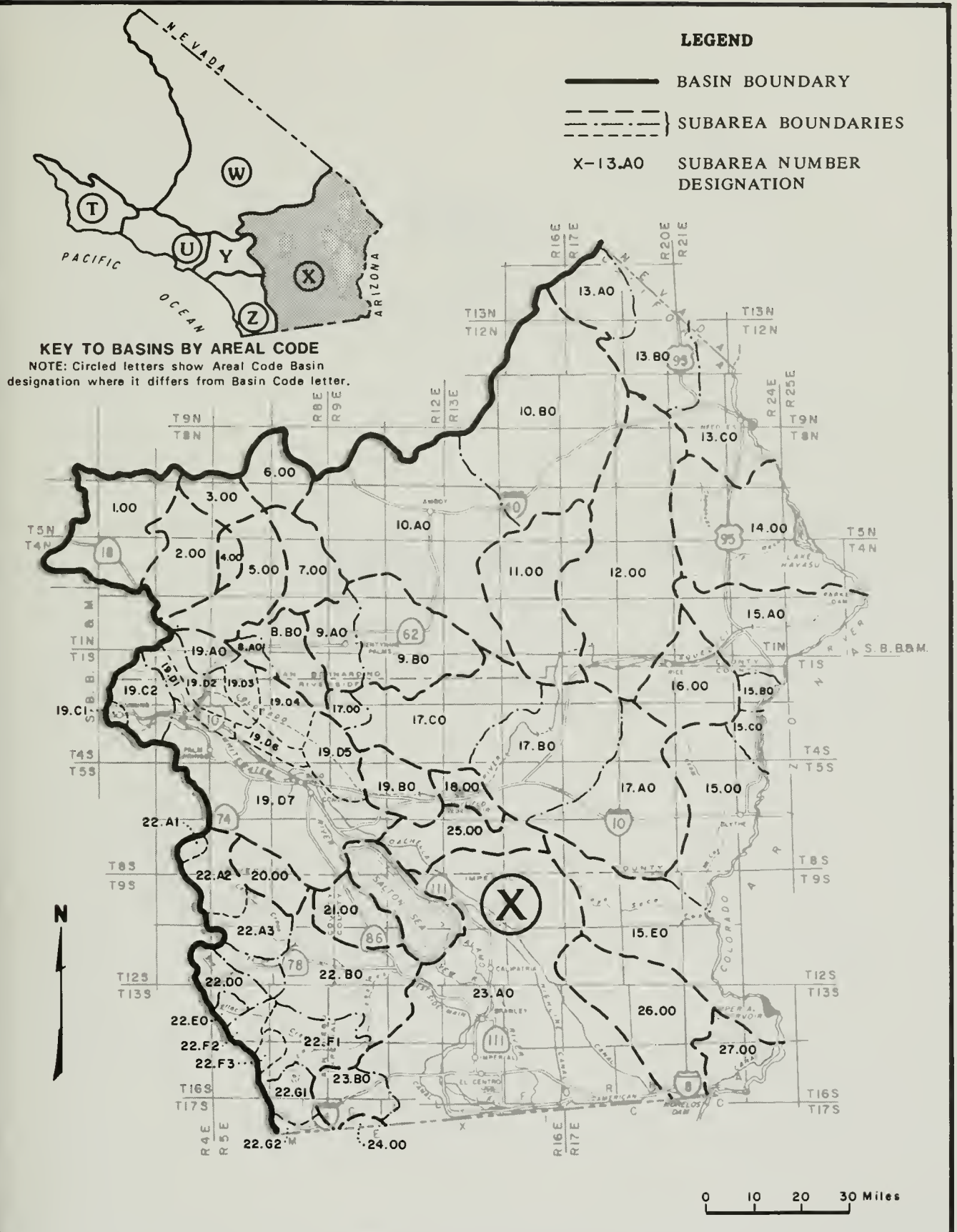


Figure 2 AREAL CODES AND TOWNSHIPS  
 SAN DIEGO BASIN



**Figure 2 AREAL CODES AND TOWNSHIPS  
COLORADO RIVER BASIN**



## APPENDIX A

### CLIMATOLOGICAL DATA

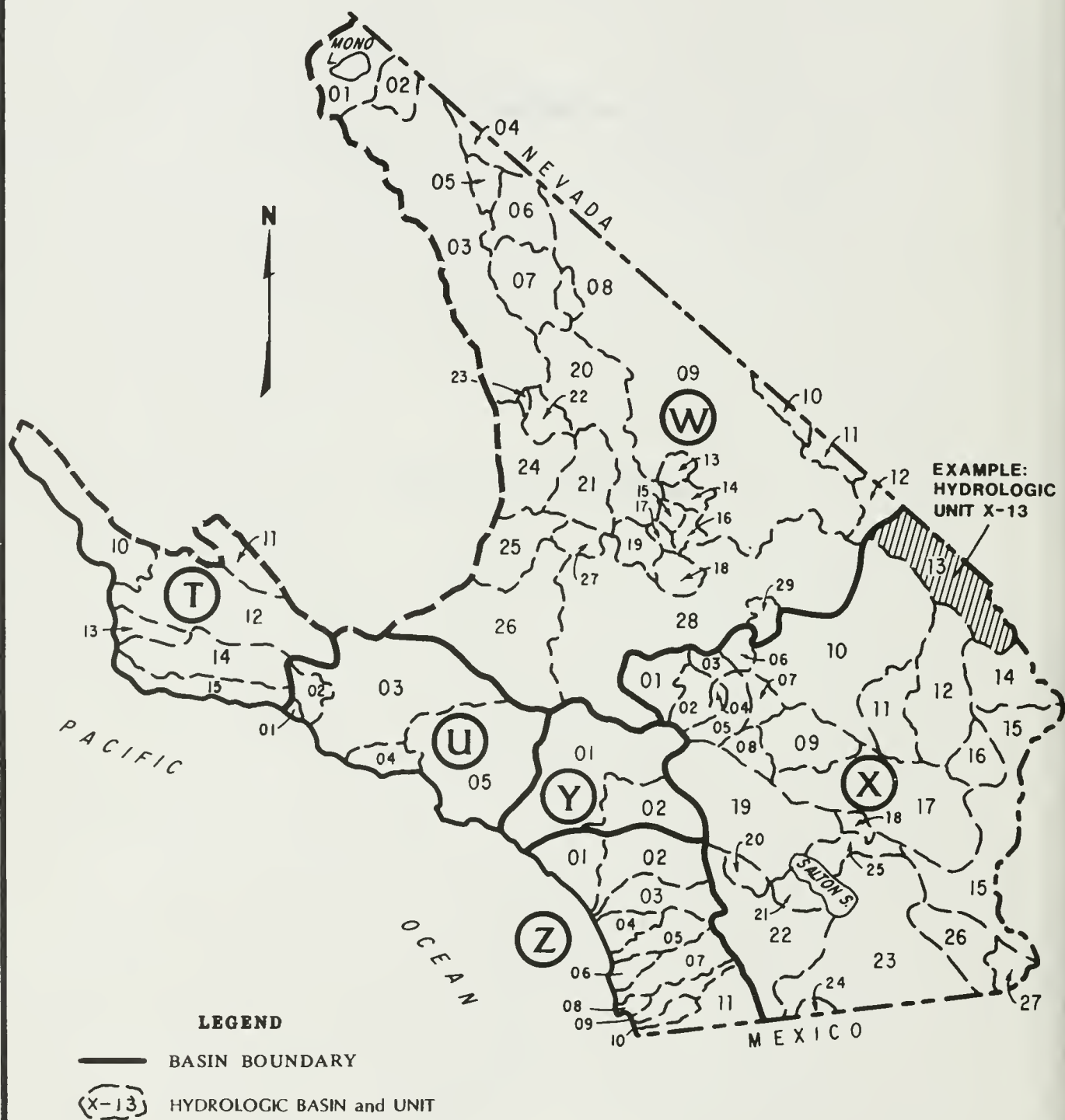


Figure 3 HYDROLOGIC BASINS AND UNITS FOR  
LOCATING CLIMATOLOGICAL STATIONS IN VOLUME V

## APPENDIX A

### CLIMATOLOGICAL DATA

Appendix A (Table A) presents precipitation data for certain climate stations in Southern California for the water year October 1, 1984 through September 30, 1985.

The first character of the nine character climatological station number indicates the major basin in which the station is located. This character is one of the areal code letters shown on Figure 1. The next two characters designate the hydrologic units in the major basin. Because there are so many stations, (456 to be exact) plotting the location of each on a map in this volume is impractical. Instead, to facilitate locating the stations listed, the hydrologic basins and units for climatological stations in this volume are shown on Figure 3 (facing page).

The fourth through the ninth characters denote the sequence of the stations under an alphanumeric system developed by the National Weather Service. (The fourth through seventh characters are the same as the four-digit station numbers used by the National Weather Service.)

Climatological stations are often named after the nearest post office and the distance and direction to the station. Distance is in miles, and the direction is represented in one of 16 compass points. For example, El Centro 2 SSW denotes a station located 2 miles south southwest of the post office at El Centro. When two observers (stations) are situated in the same general location, the town name is sometimes followed by the name of the observer. For example; Glendale-Jones, where Glendale is the place name and Jones is the observer. The responsibility for selecting the station name generally rests with the agency or individual who establishes the station.

The space for station names is restricted to a combination of 25 letters and/or numerals; therefore, some abbreviations are necessary. Common abbreviations are:

AP - Airport  
FS - Fire Station  
HMS - Highway Maintenance Station  
LO - Lookout  
PH - Power House  
RS - Ranger Station  
SP - State Park  
STA - Station

The Department gives latitude and longitude to the nearest second when the value is known, but the National Weather Service lists stations by degree and minute only. A zero value or a blank space for "seconds" in the latitude and longitude columns means that these values have been obtained from the National Weather Service, and the location has not been verified in the field.

Elevations are given in feet from USGS mean sea level datum, and are usually obtained by interpolation between contours of USGS topographic maps.

Precipitation values are shown to the nearest hundredth of an inch (0.01"). (Where digital recording rain gages that only record to the nearest tenth of an inch are used, a zero is shown in the second decimal place.)

The following notations are used to qualify the values:

- No record or incomplete record
- B Record began
- E Estimated in some degree
- N Record ends
- .00T Trace, an amount too small to measure

**TABLE A**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	PRECIPITATION IN INCHES												SEP
						TOTAL	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
U03E5	U03001400	34	29	118	16	2,920	8.50	.06	.94	5.85	.35	.43	.54	.14	.00	.00	.00	.19
U03E5	U0501003	34	27	118	11	2,550	7.85	.05	1.12	4.71	.39	.24	.77	.05	.32	.00	.11	.09
U03E5	U03001405	34	30	118	14	3,250	—	.04	1.26	5.18	.44	.87	.80	.15	.00	—	—	—
W28B0	W28002400	34	35	117	24	2,845	4.45	.00	.19	3.28	.30	.10	.08	.00	.00	.17	.00	.33
Z02H4	Z02004590	33	29	116	48	3,380	10.33	.00	1.29	3.89	.71	.93	1.30	.35	.00	1.55	.00	.31
Z02F1	Z02004620	33	26	116	52	1,920	—	.00	.80	4.00	.40	.90	.70	.00	.00	—	—	—
U0501	U05010202	34	05	118	07	485	14.20	.10	2.44	7.20	.85	1.93	1.20	.00	.24	.00	.00	.24
Z07C3	Z07013300	32	50	116	46	1,900	14.46	.49	2.08	5.42	1.38	1.68	2.09	.67	.07	.07	.05	.46
U05C1	U05011400	34	10	118	08	1,125	18.93	.09	5.16	8.60	.94	2.27	1.43	.07	.31	.01	.00	.05
X10A0	X10017615	34	32	115	42	625	5.27	.00	.61	1.35	.97	.00	.00	.03	.00	1.50	.00	.81
X10A0	X10017630	34	29	115	44	595	4.53	.00	.64	1.23	.56	.00	.00	.03	.00	1.50	.00	.57
W28B0	W28024400	34	31	117	12	2,935	—	.00	.00	4.42	.01	.00	.31	.00	.00	.00	.00	.48
Y01B6	Y01026400	33	55	117	26	805	7.35	.07	.78	4.30	.83	.91	.36	.00	.00	.00	.00	.10
W28B0	W28031000	34	14	117	11	5,593	11.40	.97	3.39	7.04	.00	.00	.00	.00	.00	.00	.00	.00
U05A5	U05033111	33	51	118	04	52	—	.18	1.65	4.93	.99	1.62	1.26	.00	—	—	—	—
U0600	U06039500	33	21	118	20	25	—	.26	2.83	5.84	.61	.35	.15	.03	.03	.14	—	—
U0501	U05041002	34	06	117	52	620	15.00	.10	3.70	6.80	1.20	1.90	1.00	.00	.10	.00	.00	.20
W28H2	W28043600	35	16	116	04	940	2.90	.00	.54	1.54	.20	.00	.08	.05	.00	.15	.00	.34
X19C2	X19048720	34	00	116	54	4,000	18.39	.35	2.81	6.18	2.18	2.08	2.25	1.02	.14	.45	.00	.93
X19C1	X19048700	33	55	116	52	2,315	—	.60	1.95	6.41	2.15	1.10	1.43	.53	.00	.10	—	—
U03C1	U03050611	34	21	118	56	400	11.64	.19	3.46	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00
W28E0	W28051900	34	54	117	01	2,142	—	.00	.45	.00	1.02	.10	.25	—	.00	.13	.00	2.53
W28C0	W28051910	34	49	117	01	2,240	—	.00	.37	2.45	.60	.00	.22	.00	—	.00	.23	.46
Y02B1	Y02060600	33	55	116	58	2,613	—	.30	1.60	6.30	1.50	1.60	1.80	.50	.00	—	—	—
Y02B1	Y01060912	33	55	116	57	2,600	14.97	.57	1.86	6.33	1.82	1.45	1.67	.45	.01	.09	.05	.67
Y01F2	Y01060900	33	55	116	57	2,609	14.90	.57	1.76	6.42	1.27	1.43	1.97	.51	.02	.11	.14	.70
U05A3	U05061900	34	05	118	26	540	—	.20	2.23	4.63	.79	2.67	2.11	—	.12	.00	.00	.16
U05A5	U05062601	33	58	118	11	145	—	.16	—	—	—	—	—	.00	.00	.00	.00	1.04
W03B0	W03068400	37	50	118	29	5,460	4.29	.15	1.55	1.43	.05	.00	.61	.00	.00	.71	.74	.05
X1907	X19069900	33	44	116	17	100	2.61	.00	.23	1.39	.34	.12	.00	.00	.00	.00	.00	.53
U05A5	U05072211	34	04	118	23	290	13.81	.18	1.95	5.21	.73	2.91	2.49	.00	.14	.00	.00	.20
Y01G1	Y01074100	34	15	116	55	6,750	—	.25	1.55	4.70	—	.66	2.09	.00	.20	2.68	.00	.63
Y01G1	Y01074200	34	14	116	58	6,815	19.99	.00	2.83	12.77	2.02	.51	1.86	.00	.00	.00	.00	.00
Y01G3	Y01074301	34	15	116	50	6,800	—	.07	1.28	3.91	1.23	.00	1.56	.04	—	.07	4.24	.22
U0504	U05075800	34	10	117	48	1,575	20.60	.24	4.61	8.70	1.44	2.41	2.28	.16	.33	.00	.00	.43
W28A0	W28077900	34	22	117	41	6,860	19.78	.15	3.24	12.30	1.12	.00	1.48	.03	.02	.00	1.01	.00
U05C2	U05079800	34	17	118	11	2,315	18.63	.14	3.79	9.81	.77	1.24	2.49	.07	.25	.00	.00	.43
W03B0	W03081900	37	15	118	35	8,150	—	.64	6.46	1.48	—	.62	1.08	.12	.00	.82	1.28	.96
W03B0	W03082200	37	22	118	22	4,108	—	.16	1.97	.85	.25	.01	.06	.00	.00	.67	.31	.34
Y01B1	Y01088700	34	04	117	23	1,100	6.76	.00	1.51	3.58	.00	.00	1.64	.03	.00	.00	.00	.00
W26H0	U05090420	34	21	117	40	8,500	—	.19	2.70	5.58	.87	.67	1.44	.00	.67	.00	—	—
X1500	X15092400	33	37	114	36	266	—	.00	.56	3.77	.32	.00	.10	.00	.00	.00	.00	1.64
X1500	X15092705	33	36	114	42	390	5.40	.00	.35	2.97	.23	.20	.05	.05	.00	.00	.00	1.55
X1500	X15092700	33	37	114	43	390	5.69	.00	.10	3.33	.27	.29	.03	.06	.00	.00	.00	1.61
X1500	X15092800	33	36	114	35	267	6.45	.00	.53	3.78	.32	.17	.01	.00	.00	.00	.00	1.64
X22A3	X22098300	33	16	116	25	750	5.53	.00	1.51	2.48	.38	.50	.15	.00	.00	.00	.20	.01
X22G1	X22101000	32	40	116	18	3,600	14.58	.23	1.29	4.63	1.38	1.82	1.67	.39	.04	.05	2.29	.70
U05D2	U05102811	34	09	117	57	935	—	—	3.40	9.80	1.10	2.30	1.50	.00	.30	.00	.00	—
U05B1	U05104351	34	11	118	16	1,250	10.90	.10	1.90	5.30	.80	1.40	.90	.00	.30	.00	.00	.20
X23A0	X23104800	32	57	115	33	-100	3.01	.00	.27	1.46	.08	.17	.00	.00	.00	.06	.00	.97
U05B4	U05109015	34	14	118	13	2,200	—	—	3.53	6.98	.78	2.49	2.19	.07	.38	.02	—	—
W26H0	W26115285	34	20	117	55	6,720	50.12	5.47	19.96	3.50	.97	3.86	7.30	.62	1.86	.60	.16	5.70
U05B1	U05119200	34	10	118	18	680	10.03	.00	1.31	5.61	.68	1.34	.81	.00	.20	.00	.00	.08
U05B1	U05119400	34	11	118	20	655	11.72	.20	1.68	6.68	.64	1.33	.85	.23	.01	.00	.00	.10
X19C2	X19125000	33	55	116	47	1,820	9.46	.10	.47	5.27	1.01	.52	1.49	.10	.00	.00	.00	.50
X19C2	X19125001	33	55	116	47	1,790	9.94	.14	.56	5.51	1.17	.64	1.33	.00	.00	.03	.02	.54
T14E2	T14125300	34	35	119	59	780	12.28	.53	2.73	4.72	1.08	1.41	1.55	.21	.00	.00	.00	.05
W0100	W01126600	37	53	119	05	6,980	7.47	.20	1.64	.57	.49	.41	.86	.12	.00	.23	.31	2.64
Y01E1	Y01126701	34	18	117	28	3,118	8.23	.01	.17	5.91	.45	.00	.32	.00	.08	.00	1.22	.07
W28B0	W28127200	34	23	117	34	4,780	8.00	.40	.60	5.30	.40	.20	.30	.00	.30	.00	.40	.10
X23A0	X23128800	32	41	115	27	12	3.58	.00	.33	1.48	.03	.06	.00	.08	.00	.00	.01	1.59
W28E0	W28130250	34	57	116	51	2,340	4.43	.00	.67	2.51	.56	.17	.11	.00	.01	.00	.00	.40
Y01E7	Y01130825	34	00	117	01	2,813	14.48	.25	1.47	6.06	1.32	1.71	1.95	.00	.10	.43	.20	.99
Z05B2	Z04130900	33	00	117	03	2,400	15.10	.75	1.43	6.54	1.46	1.18	1.63	.71	.03	.30	.00	1.07
U03A2	U03133820	34	14	119	01	192	10.50	.29	2.82	3.25	1.39	1.48	1.27	.00	.00	.00	.00	.00
U03A2	U03133900	34	12	119	00	130	9.84	.34	2.76	3.12	1.43	1.09	1.08	.00	.00	.00	.00	.02
Y01G2	Y01136960	34	09	116	58	5,780	25.07	.37	3.45	9.11	2.46	1.77	3.80	.66	.08	.32	1.93	.00
Z11H2	Z11142400	32	37	116	28	2,630	—	.18	1.43	4.25	—	1.59	1.46	.27	.04	.09	1.74	.33
Y02B2	Y19144520	33	38	116	35	5,350	16.65	.32	2.71	5.63	1.56	1.46	1.79	.25	.10	.09	1.86	.88
U02A0	U02147211	34	22	119	13	760	13.48	.36	3.40	5.59	1.33	1.40	1.36	.03	.00	.00	.00	.01
U05B1	U05148400	34	10	118	34	794	11.76	.24	2.30	6.13	.83	1.02	1.03	.02	.04	.00	.08	.07
U04A6	U04151650	34	02	118	38	50	9.24	.29	2.30	2.54	.75	2.05	1.23	.03	.03	.00	.00	.02
U03E1	U03156220	34	29	118	36	1,150	—	.09	2.56	5.28	.82	.84	1.46	—	.02	.00	—	.29
X1907	X19158705	33	47	116	28	295	2.76	.00	.20	1.55	.29	.27	.00	.00	.00	.00	.00	.45
X1907	X19158705	33	46	116	27	284	3.47	.00	.29	2.03	.43	.40	.00	.00	.00	.00	.00	

TABLE A (continued)  
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984											
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Y01B1	Y01221005	34 06	117 35	1,225	Cucamonga-County Water Dist.	---	.01	1.75	7.13	1.28	1.95	1.20	.00	---	.03	---	.00	.36
X01C0	X01223280	34 22	116 52	4,250	Cushmanbury Ranch-Shay WBSO	---	.00	.20	3.69	.38	---	.13	.00	.00	.00	.00	.00	---
Z07D3	Z07223900	32 59	116 35	4,650	Cuyamaca	33.02	1.05	3.83	10.48	2.31	5.66	5.64	1.63	.14	.21	.87	.00	1.20
W28E0	W28225700	34 51	116 47	1,922	Daggett FAA AP	3.27	.00	.39	2.03	.37	.14	.05	.00	.00	.00	.20	.00	.09
X09B0	X09226500	34 08	115 46	1,315	Dale Lake Chain	2.02	.00	.90	.81	.31	.00	.00	.00	.00	.00	.00	.00	.00
W09A1	W09231900	36 28	116 52	-194	Death Valley	---	.02	.00	---	.05	.00	.00	.00	.26	.00	.13	.00	.08
X19D7	X19232700	33 38	116 22	1,000	Deep Canyon Laboratory	3.90	.00	.73	1.40	.35	.28	.05	.00	.00	.00	.45	.00	.64
W05D0	W05233100	37 22	117 59	5,225	Deep Springs College	---	.16	1.33	3.16	.00	.00	.32	.00	---	---	1.65	.00	.64
Z02B1	Z02337700	33 27	117 19	465	De Luz	16.73	.47	2.18	8.03	1.54	2.88	1.42	.18	.00	.00	.00	.00	.03
Z09C4	Z09240600	32 51	116 37	3,500	Descanso Ranger Station - USFS	17.41	.65	2.67	5.97	2.01	2.22	1.58	.47	.00	.20	1.61	.00	.03
X17B0	X17240400	33 46	115 20	537	Desert Center	3.91	.00	1.08	2.17	.06	.13	.00	.00	.00	.00	.06	.00	.41
X19D3	X19240500	33 57	116 30	1,080	Desert Hot Springs	---	.00	.14	3.75	.60	.12	.00	.00	.00	.00	.00	.00	---
X19D3	X19240508	33 58	116 29	1,220	Desert Hot Sp Water Co	6.76	.00	.10	3.38	.61	.15	.00	.00	.00	.00	1.20	.00	1.32
X1907	X19240530	33 48	116 29	353	Desert Water Agency	3.76	.00	.38	2.27	.35	.33	.03	.00	.00	.00	.00	.00	.40
Y01E2	Y01241204	34 13	117 24	2,030	Devore GDF	23.99	.72	4.13	8.74	2.09	3.16	3.95	.47	.19	.16	.00	.00	.38
U05A5	U05249400	33 56	118 08	116	Downey Fire Dept.	12.44	.19	1.86	5.27	1.07	2.19	1.47	.00	.24	.00	.00	.00	.15
U03E1	U03251600	34 28	118 31	1,520	Dry Canyon Reservoir	---	.05	2.71	---	---	.57	.93	---	---	.00	.00	.00	.00
X17B0	X17259800	33 48	115 27	973	Eagle Mountain	4.38	.00	.96	1.92	.20	.19	.03	.02	.00	.00	.33	.00	.73
Y02A1	Y01267900	33 55	117 16	1,555	Edgemont	8.00	.07	.95	4.52	.82	.73	.65	.00	.01	.03	.00	.00	.22
Z07B1	Z07270600	32 49	116 58	405	El Cajon	8.73	.00	.99	5.32	.91	.81	.38	.22	.10	.00	.00	.00	.00
Z01B0	Z01271170	33 39	117 24	2,660	El Cariso Guard Station	---	.41	2.28	6.49	1.35	2.86	2.52	.33	.00	.16	---	---	---
K23A0	K23271300	32 46	115 34	-30	El Centro 2 SSW	4.15	.00	.36	1.33	.06	.20	.00	.00	.00	.00	.04	.30	1.86
W01D0	W01275500	37 56	119 13	9,600	Ellyery Lake	21.06	2.62	6.42	1.62	.78	2.54	3.58	.36	.02	.42	.94	.08	1.63
W28A0	W28277100	34 36	117 36	2,910	El Mirage Field	4.15	.00	.34	2.99	.16	.07	.03	.00	.01	.05	.23	.00	.27
U0501	U05277901	34 04	118 02	275	El Monte Fire Station	13.70	.14	2.13	6.74	.99	2.07	1.04	.00	.17	.04	.00	.00	.38
U03A1	U03278550	34 14	119 10	80	El Rio - VCFCD Yard	11.06	.36	2.54	4.59	.99	1.51	1.07	.00	.00	.00	.00	.00	.00
Y02C1	Y02280550	33 40	117 22	1,265	Elsinore State Park	11.93	.18	1.66	5.12	1.15	1.62	1.59	.00	.00	.00	.31	.00	.30
Y02C1	Y02280506	33 39	117 18	1,300	Elsinore - Wilhite	---	.00	.93	4.49	.53	.45	.98	.00	.00	---	.00	.00	.55
U05B1	U05283101	34 08	118 30	1,000	Encino Reservoir	---	.21	2.32	6.43	.61	.83	.83	.00	.08	.00	---	.00	.06
Z04F2	Z04286300	33 07	117 05	600	Esccondido No 2 Fire Station	13.51	.31	2.06	6.35	1.02	1.57	1.26	.25	.00	.09	.08	.00	.52
U04C3	U04286701	34 02	118 46	1,050	Esccondido Canyon PA.S- Malibu	---	.45	2.63	5.21	1.29	4.30	2.03	.00	---	.00	.00	.00	.11
Y01D3	Y01289530	34 09	117 28	1,645	Etiwanda Game Assn.	15.81	.12	4.47	5.82	2.17	.00	2.11	.14	.21	.42	.00	.00	.35
W26E0	W26294100	34 42	118 25	3,060	Fairmont Reservoir - Law & P	13.54	.05	2.39	8.42	.49	.71	.67	.00	.12	.00	.12	.00	.57
Y01E8	Y01296480	34 04	116 54	5,990	Fallsdale S	19.40	.50	3.10	4.90	1.30	1.90	3.30	.90	.00	.50	.30	.00	.00
Y01G1	Y01297460	34 16	116 57	6,820	Fawnskin	---	.00	1.36	5.63	1.22	.49	1.85	---	.06	1.18	1.96	.00	.91
U03C1	U03305013	34 23	118 53	470	Fillmore Fish Hatchery	11.32	.28	3.05	4.20	1.41	1.08	1.16	.07	.04	.00	.03	.00	.00
U03C2	U03305050	34 29	118 53	2,750	Fillmore-Sespe Westates	16.98	.20	5.48	6.07	1.47	1.39	2.27	.06	.03	.01	.00	.00	.00
Y01B1	Y01311704	34 05	117 26	1,280	Fontana Union W.C.	---	.10	1.73	6.42	1.48	1.63	1.88	.44	.03	---	.00	.00	.30
Y01B1	Y01311705	34 05	117 25	1,275	Fontana Co. Yds.	13.53	.28	1.72	6.22	1.52	1.47	1.97	.00	.03	.00	.00	.00	.32
Y01B1	Y01311730	34 04	117 26	1,278	Fontana Herald News	.12	.12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y01D3	Y01311800	34 10	117 26	1,972	Fontana 5 N	21.84	.23	3.55	8.79	1.86	2.94	3.00	.46	.08	.61	.00	.00	.32
Y01B1	Y01312008	34 04	117 30	1,090	Fontana Kaiser	---	---	---	---	---	---	---	.00	.00	.00	.00	.00	.00
Y01B7	Y01312100	34 02	117 27	960	Fontana 3S Stp	10.75	.08	1.20	5.59	1.07	1.20	1.24	.01	.02	.00	.00	.00	.34
Y01C2	Y03336533	33 47	117 24	2,000	Gavilan Springs	6.85	.10	.72	4.64	.53	.44	.22	.00	.00	.00	.00	.00	.20
W01D0	W01336900	37 45	119 08	8,970	Gem Lake	19.48	2.00	4.16	1.66	.58	1.90	4.94	.42	.40	.50	.54	.00	2.38
T14E1	T14340200	34 31	119 41	1,550	Gibraltar Dam 2	---	.00	.00	---	7.05	---	.00	.00	.00	.00	.00	.00	.00
U05B1	U05343011	34 09	118 36	986	Girard Reservoir	10.81	.30	2.65	5.29	.68	1.00	.78	.00	.04	.00	.00	.00	.07
Y01B1	Y01343820	34 00	117 29	745	Glen Avon	10.03	.08	1.14	5.38	.83	1.06	1.36	.07	.00	.00	.00	.00	.11
U05B1	U05345001	34 09	118 15	615	Glendale-Jones	---	.07	1.77	5.30	.65	1.52	.96	---	.22	.00	.00	.00	.18
U05C1	U05345200	34 08	117 51	822	Glendora West FC 185	17.91	.18	3.62	8.00	1.24	2.34	1.70	.03	.34	.02	.00	.00	.44
U05D1	U05345202	34 09	117 50	1,165	Glendora-Englewood Ranch	---	.19	3.86	8.41	1.26	2.52	1.94	.04	.30	.02	---	.00	.54
Y01C1	Y01345811	33 45	117 29	1,100	Glen Ivy	12.97	.20	1.69	8.49	.63	.97	.82	.00	.03	.00	.00	.00	.14
X26D0	X26348900	32 53	114 52	485	Gold Rock Ranch	5.26	.00	.30	2.19	.09	.26	.00	.00	.00	.00	1.60	.00	.82
W16D0	W16349300	35 18	116 48	3,220	Goldstone Echo Storage	4.03	.00	.00	2.72	.12	.16	.20	.00	.10	.00	.00	.00	.73
W16D0	W16349800	35 17	116 47	2,950	Goldstone Echo 2	---	.00	.83	2.72	.12	.16	.20	.00	.10	---	.00	.00	.73
Y02A1	Y03350610	33 46	117 17	1,780	Good Hope	7.56	.00	1.05	4.45	.70	.74	.34	.00	.00	.00	.20	.00	.12
W26H0	W26357620	34 22	117 43	7,350	Graham Hollow	---	.14	1.99	6.18	.69	.48	.89	.00	.55	.00	---	---	---
Y01G3	Y03360900	34 13	116 48	7,000	Green Canyon Springs	9.82	.19	.95	3.92	.97	.00	1.13	.04	.00	.05	2.49	.00	.08
Y01A3	Y01361155	33 52	117 40	450	Green River Golf	---	.09	1.54	6.53	1.37	1.58	.78	.00	.00	.00	---	---	---
W28B0	W28361204	34 14	117 04	6,900	Green Valley Lake	28.84	.26	3.38	16.20	1.92	1.70	3.98	.54	.14	.72	.00	.00	.00
W28B0	W28361230	34 13	117 04	6,900	Green Valley Fire Dept.	25.10	.00	2.50	15.00	1.60	1.30	3.10	.20	.00	.40	.30	.00	.70
U05B1	U05366303	34 07	118 17	850	Griffith Park Nursery	13.43	.11	1.82	5.32	.93	2.50	1.27	.01	.20	.00	.00	.00	1.27
U05A4	U05366305	34 07	118 18	1,100	Griffith Park - Tunnel	12.54	1.26	3.63	1.29	.02	1.40	.20	.20	.54	.78	.72	.45	2.05
Y01B1	Y01368260	34 05	117 30	995	Guasti Regional Park	.36	.00	.00	.00	.00	.00	.00	.00	.10	.01	.00	.00	.25
U05D3	U05368620	34 20	117 38	8,125	Guffy Camp	---	.00	3.43	7.12	1.10	.86	2.07	.00	.80	.00	---	---	---
U05B4	U05370400	34 16	118 15	3,450	Haines Canyon Upper	---	---	---	---	.68	1.56	---	.00	.00	.00	.00	.00	.00
Y03C0	Y03371000	36 08	117 57	3,825	Halwee-South Dam	---	---	2.63	1.96	.24	.11	.58	.00	.00	.04	.40	.00	.15
U05B1	U05375100	34 16	118 23	1,110	Hansen Dam-Border & Glanis	---	.13	1.93	5.75	.61	1.32	1.15	---	.10	.00	.00	.00	.07
Y01B6	Y01379250	33 52	117 26	1,275	Harrison Dam	5.43	.08	.73	3.97	.68	.57	.33	.00	.00	.00	.00	.00	.07
X18D0	X18385500	33 42	115 38	1,370	Hayfield Pump Plant	4.94	.00	.74	1.72	.17	.11	.03	.00	.00	.00	1.52	.00	.65
X19D7	X19385950	33 42	116 28	2,800	Haystack Mtn	---	.00	.71	2.10	.54	.43	.00	.00	.00	.00	---	---	

**TABLE A (continued)**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984											
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Z0702	Z07441800	33 05	116 38	3,655	Julian (Wynola)- Vilirek	21.92	.46	3.02	7.39	2.30	2.07	2.79	1.14	.08	.33	.52	.00	1.82
T14E1	T14442200	34 29	119 31	2,060	Juncal Dam	15.89	.25	3.85	8.03	.84	1.12	1.71	.09	.00	.00	.00	.00	.00
Y02A5	Y02443100	33 45	117 04	2,110	Juniper Flats	8.05	.09	.61	4.55	.88	.67	.37	.03	.00	.00	.02	.00	.83
Z28J0	Z28449410	35 00	115 38	2,148	Kelso	---	.00	.44	1.54	.90	.03	.00	.02	.00	---	.50	.00	1.10
Z2802	Z28460620	34 59	117 32	2,477	Kramer Junction BC	---	.00	.45	3.31	.22	.10	.03	.00	.00	---	.20	.00	.34
T1100	T11461270	35 23	120 05	2,040	Kuhle	7.92	.13	2.25	3.00	.65	.28	1.27	.17	.00	.00	.00	.00	.17
W03C0	W03511109	36 58	118 18	3,841	L.A. Aqueduct Intake	6.38	.34	1.67	1.19	.28	.05	.63	.00	.00	1.00	.69	.00	.53
U05C2	U05462111	34 11	118 11	1,155	La Canada Arroyo Seco	---	.09	2.39	6.38	.84	2.26	.00	---	.34	.00	.00	.00	.06
Z02C2	Z02462950	33 33	117 18	2,200	La Cresta	---	.24	1.14	6.38	.56	1.48	.91	.04	.00	.04	---	---	---
Z01A2	Z01464700	33 32	117 46	35	Laguna Beach Sewage Disp.	10.24	.49	2.42	4.14	1.13	1.25	.62	.00	.06	.00	.00	.00	.13
W28B0	W28467100	34 14	117 11	5,250	Lake Arrowhead	30.76	.76	5.25	15.28	2.28	.00	5.38	.07	.06	.25	.26	.00	1.17
W28B0	W28467120	34 15	117 10	5,205	Lake Arrowhead FS4	27.82	.65	4.07	15.67	1.47	.00	4.85	.00	.12	.04	.06	.00	.89
W28B0	W28467140	34 15	117 10	5,200	Lake Arrowhead FS2	26.37	.57	3.63	15.20	1.33	.00	3.85	.00	.12	.07	.45	.00	1.15
W28B0	W28468440	34 14	117 16	4,335	Lake Gregory	35.35	.82	5.30	17.28	3.40	.00	6.32	.15	.29	.34	.21	.00	1.24
W28B0	W28468450	34 14	117 16	4,535	Lake Gregory Dam	29.50	.39	5.07	13.99	1.64	1.56	4.41	.29	.24	.41	.07	.00	1.43
Y02C1	Y02468651	33 38	117 20	1,319	Lakeland Village	11.26	.19	1.22	5.94	.60	1.60	1.38	.00	.00	.00	.00	.00	.33
Y01C3	Y01468953	33 50	117 25	3,160	Lake Mathews 3	7.50	.07	.92	4.40	.74	.79	.44	.00	.00	.00	.00	.00	.14
W03B0	W03470500	37 12	118 36	9,070	Lake Sabrina	17.50	.80	7.28	1.78	.68	.84	1.70	.08	.12	.98	1.94	.00	1.30
U04B6	U04476015	34 08	118 52	990	Lake Sherwood-VCFD F-RRNG	13.20	.26	3.32	5.61	1.23	1.44	1.23	.00	.04	.00	.00	.00	.07
Z07A2	Z07471000	32 51	116 53	692	Lakeside 2 E	13.08	.29	2.02	6.61	.79	1.26	1.18	.38	.00	.00	.00	.00	.55
W28B0	W28471120	34 17	117 21	3,480	Lake Silverwood Rec. Area	28.66	.34	5.35	16.36	1.08	.83	3.72	.08	.20	.45	.00	.00	.25
Z08B2	Z08473500	32 46	117 01	528	La Mesa	---	.38	2.22	6.11	.62	1.03	.43	.00	---	.00	.00	.00	.19
W26E0	W05474900	34 44	118 13	---	Lancaster FSS FAA	6.77	.00	.76	5.35	.28	.00	.12	.00	.03	.00	.00	.00	.23
X1907	X19478211	33 40	116 17	85	La Quinta	2.69	.00	.42	1.54	.37	.21	.00	.00	.00	.00	.00	.00	.15
Y01B6	Y01481411	33 55	117 29	712	La Sierra Fire Station	8.24	.07	.78	4.91	.94	.92	.50	.00	.00	.02	.00	.00	.10
U03F7	U03480470	34 18	118 41	1,150	Las Lajas Canyon	11.99	.21	2.32	4.72	1.32	1.63	1.66	.00	.00	.00	.07	.00	.06
Y02B1	Y02483960	33 47	116 44	5,290	Lawler Co Park	26.00	1.27	2.06	9.19	2.80	4.30	3.14	.15	.00	.21	1.04	.00	1.84
U04C7	U04486700	34 04	118 52	1,600	Lechuza Patrol Station	15.83	.46	3.85	5.14	1.64	3.03	1.69	.00	.00	.00	.00	.00	.02
Z09A2	Z09489105	32 44	117 01	---	Lemon Grove Fire Dept.	10.08	.43	2.08	5.76	.61	.00	.85	.33	.02	.00	.00	.00	.00
Y02A5	Y02497920	33 44	116 55	1,695	Little Lake SDF	9.51	.12	.57	4.26	.87	1.35	.72	.00	.00	.00	.18	.00	1.44
T12C0	T05502410	34 44	119 06	5,150	Lockwood Valley	8.91	.06	1.83	4.11	1.08	.40	.59	.32	.04	.00	.11	.00	.37
Y0105	Y01509700	34 02	117 15	1,185	Loma Linda	---	.16	1.05	4.36	1.35	1.44	1.49	.02	---	---	.00	.00	.43
T14A0	T14506401	34 35	120 27	500	Lompoc	10.21	.25	2.50	4.63	.69	.85	1.28	.00	.00	.00	.00	.00	.01
Y01E1	Y01506620	34 18	117 32	4,400	Lone Pine Canyon Nielsen	---	.09	1.21	8.10	.88	.43	.75	---	.75	.05	.17	.00	---
U05A2	U05508205	33 46	118 11	180	LB-Alamitos Land Co.	10.67	.52	1.79	4.54	1.01	1.55	.94	.00	.22	.00	.00	.00	.10
U05A5	U05509500	33 49	118 09	36	Long Beach WB AP	10.30	.35	1.20	5.20	.91	1.58	.61	.00	.21	.00	.00	.00	.24
U04C7	U05509811	34 20	118 02	4,300	Loomis Ranch Alder Creek	14.30	.21	2.01	7.39	.74	.74	1.58	.10	.40	.30	.72	.00	.11
T1300	T13510700	34 45	120 17	565	Los Alamos	---	.70	---	3.69	.88	1.17	1.79	.02	.00	.00	.00	.02	.00
U05A5	U05511101	34 05	118 17	335	Los Angeles-City College	12.40	.13	1.88	5.41	.79	2.62	1.26	.00	.24	.00	.01	.00	.06
U05A5	U05511102	34 02	118 18	203	Los Angeles-Clark Mem. Lib.	11.47	.15	1.64	4.15	.81	2.42	1.91	.00	.24	.00	.00	.00	.15
U05A5	U05511117	34 03	118 21	175	Los Angeles-Hancock Park	---	.20	1.50	4.70	.80	3.20	2.40	---	.20	---	.00	.00	.20
U05A2	U05511400	33 56	118 23	105	Los Angeles-WSO Airport	9.50	.28	1.24	4.21	.70	1.91	.72	.00	.16	.00	.00	.00	.28
U05A5	U05511500	34 03	118 14	270	Los Angeles Civic Center	12.38	.15	1.44	5.53	.71	2.84	1.29	.00	.23	.00	.00	.00	.19
T14E1	T14514700	34 32	119 47	1,030	Los Prietos Ranger Station	---	.36	2.98	6.95	.81	.35	1.83	.26	---	.00	.00	.00	---
Z10B0	Z10516203	32 36	116 55	500	Lower Otay Reservoir	10.85	.35	1.65	5.87	.46	1.31	.70	.19	.09	.09	.00	.00	.14
X0100	X01518215	34 27	116 55	2,900	Lucerne Valley 2 ENE	---	.00	.00	.00	.22	.00	.00	.00	.00	---	.12	.00	.00
X0100	X01518223	34 27	116 57	2,957	Lucerne Valley	.42	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
Y01E2	Y01521200	34 06	117 19	1,184	Lytle Creek Foothill Blvd.	8.61	.00	.69	3.32	.82	1.63	2.15	.00	.00	.00	.00	.00	.00
Y01E1	Y01521501	34 12	117 26	2,360	Lytle Creek Intake FWC	---	.00	4.90	10.45	1.80	3.25	4.10	.03	.15	---	.00	.00	.55
Y01E2	Y01521800	34 13	117 28	2,760	Lytle Creek Ranger Station	32.30	.30	4.89	18.35	1.37	3.10	3.39	.12	.24	.08	.15	.00	.31
Y01D1	Y01521825	34 15	117 29	3,400	Lytle Creek FS	---	.25	3.15	14.69	1.03	1.23	1.54	.01	.08	.03	---	.00	.10
U02B0	U02540801	34 29	119 18	1,040	Matilija Dam	18.82	.42	5.32	7.78	1.51	2.07	1.52	.02	.00	.00	.00	.00	.18
X1907	X19550200	33 34	116 04	190	Mecca Fire Station	2.55	.00	.00	1.51	.37	.05	.00	.00	.00	.00	.01	.00	.61
U02B0	U02550950	34 26	119 17	760	Meiners Oaks-VCFD Fire Station	14.06	.34	3.81	5.78	1.24	1.52	1.37	.00	.00	.00	.00	.00	.00
Y01E4	Y01553131	34 04	117 07	1,765	Mentone CDF SB 120	7.91	.18	.71	4.09	.93	.72	.41	.25	.00	.22	.00	.00	.40
Y01F5	Y01563520	34 04	117 02	2,780	Mill Creek Ranger Station	16.92	.28	2.02	5.76	1.25	1.31	2.04	.60	.05	.23	2.17	.00	1.21
Y01B1	Y01570601	34 01	117 31	827	Mira Loma Space Center	15.17	.01	3.51	.31	1.77	3.16	4.90	1.51	.00	.00	.00	.00	.00
Z0600	Z06570701	32 54	117 06	660	Miramar	10.38	.25	1.89	5.00	.55	1.27	.75	.22	.03	.00	.02	.00	.40
W28D2	X10572100	34 56	117 32	4,306	Mitchell Caverns	10.33	.00	1.19	4.68	1.68	.42	.08	.35	.00	.00	.00	.00	1.93
Y01B6	Y02573650	33 53	117 24	1,117	Mockingbird Reservoir	7.03	.07	.88	4.15	.71	.71	.33	.00	.00	.00	.00	.00	.18
W26A0	W26575600	35 03	118															

**TABLE A (continued)**  
**MONTHLY PRECIPITATION**

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984					1985						
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
X1907	X19663301	33	43	116	23	275	Palm Desert	---	.00	---	1.37	.47	.26	.00	.00	.00	.00	.00
X1907	X19663500	33	49	116	30	425	Palm Springs	---	.00	.54	---	.21	.19	.00	.00	.00	.10	.00
Z02H3	Z02665700	33	21	116	51	5,545	Palomar Mtn Observatory	24.10	.60	5.58	7.62	3.00	2.25	2.10	.50	.00	1.85	.00
Y05A2	Y05666300	33	48	118	23	216	Palos Verdes Estates	9.09	.36	1.46	3.72	1.27	1.46	.44	.00	.17	.00	.00
Y01E2	Y01668001	34	13	117	18	3,775	Panorama Point Cdh Maint.	31.85	.59	5.30	12.43	2.94	3.68	3.88	.87	.38	.36	.04
X13C0	X13669780	34	43	114	30	540	Park Moab1	---	.00	.40	3.35	1.24	.39	.40	.06	.00	---	.78
X15A0	X14669900	34	17	114	08	738	Parker Reservoir	8.11	.00	.54	4.20	1.10	.71	.28	.23	.00	.00	.10
U05C1	U05671900	34	08	118	08	864	Pasadena City Hall-P.W.O	---	.09	3.14	7.74	.96	1.89	1.43	---	.32	.00	.00
U05C1	U05671901	34	10	118	05	1,375	Pasadena	15.71	.09	3.14	7.74	.96	1.89	1.43	.00	.31	.00	.00
U05C1	U05671902	34	08	118	07	795	Pasadena Cal Tech.	---	.09	2.53	7.53	.91	1.78	1.25	.00	.25	.00	---
T09H1	T09673000	35	37	120	41	700	Paso Robles	9.29	.38	2.10	3.01	.52	.92	2.11	.19	.00	.00	.02
T09H1	T09674200	35	40	120	38	803	Paso Robles FAA	8.64	.38	2.21	2.96	.41	.59	2.00	.07	.00	.00	.02
Y01E2	Y01675411	34	08	117	12	1,375	Pattson	---	.28	1.57	5.10	2.01	1.53	1.76	.44	---	.31	.03
Y02A1	Y02681811	33	47	117	13	1,452	Perris CDF Hdq	7.78	.10	.84	4.90	.89	.51	.41	.00	.00	.00	.13
Y02A1	Y02681615	35	50	117	12	1,448	Perris Reservoir	7.83	.12	.72	4.72	.74	.63	.52	.03	.00	.00	.35
Y02A1	Y02681830	33	51	117	12	1,413	Perris Valley Drain	---	---	---	---	---	---	.40	.00	.00	.00	.00
W28B0	W28684801	34	25	117	34	4,160	Phelan CDF	5.42	.00	.33	3.90	.30	.08	.08	.00	.05	.60	.08
Y01D5	Y01685801	33	59	117	16	1,910	Pigeon Pass	10.25	.10	1.08	5.21	1.03	1.19	1.20	.00	.00	.01	.00
W28B0	W28686801	34	16	117	16	3,688	Pilot Rock Evap + Precip	33.65	.31	4.70	17.26	1.22	4.02	4.53	.03	.24	.11	.65
X1907	X02693350	33	35	116	26	4,000	Pinyon Flat	11.96	.02	2.40	3.56	.65	1.52	1.40	.03	.00	1.74	.14
U03D1	U03694000	34	24	118	45	730	Piru 2 ESE-Camulos Ranch Hdq.	10.46	.22	2.94	4.69	1.25	.59	.73	.00	.01	.00	.03
T10B6	T10694300	35	08	120	38	80	Pismo Beach	9.64	.92	3.51	2.65	.29	.39	1.72	.10	.00	.00	.02
U05A1	U05703611	33	44	118	24	125	Pont Vicente L M	8.40	.30	1.60	3.60	1.30	.90	.40	.10	.10	.00	.10
U05E1	U05705000	34	03	117	46	855	Pomona	12.43	.15	2.12	6.18	1.32	1.73	.27	.00	.12	.29	.00
Y01B1	Y01705001	34	03	117	45	876	Pomona Fire Station	11.99	.11	1.31	6.00	1.27	1.92	1.22	.09	.07	.00	.00
Y02B1	Y02705880	33	50	116	51	3,520	Poppet Flats Terribilini	20.33	.92	2.41	6.76	2.47	.96	2.89	1.54	.04	.15	.39
U03E1	U03710241	34	23	118	38	1,150	Potrero Canyon	11.24	.27	.89	5.80	1.16	.89	.73	.60	.00	.04	.21
Z06B0	Z06711100	32	57	117	04	440	Poway Valley	12.41	.24	1.95	5.93	.95	1.11	1.06	.43	.00	.00	.00
U05D3	U05712311	34	20	117	41	5,680	Prairie Forks	---	.28	3.95	12.27	1.36	.95	1.77	.00	1.09	.00	---
U05E2	U05716001	33	05	117	48	1,030	Puddingstone Dam	14.42	.13	2.91	6.49	1.15	2.06	1.03	.02	.19	.06	.00
U05F2	U05716103	33	57	117	55	725	Puente Hills-Weisel	---	.09	2.05	7.05	1.44	2.30	1.55	---	.17	.00	.00
Y02A1	Y02717870	33	42	117	14	1,550	Quail Valley	7.79	.07	.43	4.91	.78	.91	.57	.00	.00	.00	.16
U02B0	U02724771	34	25	119	18	600	Rancho Matillija-East	15.24	.36	4.00	6.43	1.33	1.49	1.63	.00	.00	.00	.00
X1906	X19724778	33	46	116	26	250	Rancho Mirage RC	2.83	.00	.35	1.42	.42	.32	.00	.00	.00	.00	.32
X1907	X19724780	33	45	116	25	249	Rancho Mirage SPF	3.17	.00	.30	1.52	.54	.43	.02	.00	.00	.00	.36
W2500	W25725300	35	22	117	39	3,522	Randsburg	5.37	.00	1.09	3.63	.23	.00	.00	.00	.05	.05	.00
X19C2	X19727900	34	02	116	49	6,620	Raywood Flats	---	.50	3.60	13.89	3.30	1.90	3.00	.20	.00	.40	---
Y01E2	Y01728460	34	02	117	16	1,125	Reche Canyon Henderson	14.10	.27	1.31	5.61	1.26	1.30	2.19	.31	1.37	.00	.00
Y01E3	Y01730600	34	03	117	11	1,335	Redlands-Daily Facts	10.42	.14	1.33	5.13	1.14	1.05	1.04	.09	.00	.00	.04
Y01E6	Y01730650	34	02	117	10	1,465	Redlands Bottenburg	10.92	.17	.78	5.99	1.16	1.06	1.16	.06	.03	.01	.02
Y01F1	Y01731100	34	01	117	08	2,080	Redlands Country Club	---	.17	1.17	5.55	1.11	.96	1.10	.07	---	.06	.05
W2700	W25731400	35	21	117	37	3,700	Red Mountain	15.20	.40	1.96	5.44	1.43	1.36	2.28	.24	.00	.08	1.22
U05A2	U05732400	33	50	118	23	70	Redondo Beach-City Hall (New)	9.61	.50	1.29	3.88	.71	1.99	.94	.00	.00	.00	.30
W0100	W01738200	37	56	119	14	9,500	Rhine Dollar Reservoir	---	2.62	6.42	1.62	.78	2.54	3.58	---	---	---	---
Y01G4	Y01738408	34	05	117	22	1,220	Rialto	---	.00	1.38	5.83	1.47	1.56	1.66	---	---	---	.00
Y01B7	Y01747000	33	57	117	23	840	Riverside Fire Station 3	7.75	.09	.85	4.12	.84	.76	.80	.00	.00	.00	.00
Y01B7	Y01747300	33	58	117	20	986	Riverside Citrus Exp	7.56	.10	.68	4.09	.93	.78	.62	.00	.03	.05	.00
W03B0	W03751000	37	27	118	44	9,670	Rock Creek	14.33	1.00	4.30	1.40	.85	.42	2.19	.36	.10	.55	1.25
U05B1	U05755311	34	14	118	21	1,050	Roscoe Merrill	---	.12	1.53	5.98	.77	1.04	1.02	.25	.25	.00	.00
Y02A2	Y02758690	33	40	117	16	1,440	RR Canyon Dam	---	.10	.74	3.99	.55	1.01	.54	.00	.00	.00	---
Y01B7	Y01758802	33	59	117	24	776	Rubidoux Fire Dept	9.07	.10	.79	5.12	.91	.82	1.00	.00	.00	.00	.00
Y01B7	Y01758801	33	58	117	23	838	Rubidoux Lab USDA	8.03	.08	.87	4.68	.80	.78	.66	.00	.00	.00	.00
W28B0	W28759911	34	12	117	06	6,080	Running Springs FD	31.60	.70	6.90	9.50	3.20	3.40	4.50	.50	.20	.70	.40
W28B0	W28760000	34	12	117	06	5,965	Running Springs IE CDM	28.50	.50	3.00	14.00	2.10	2.60	2.50	.60	.10	.60	.70
Y02A5	Y02761311	33	43	117	01	1,509	Ryan Field	8.44	.16	.64	4.64	.78	.99	.66	.00	.00	.00	.16
T09H1	T09767200	35	20	120	30	1,350	Salinas Dam	14.62	1.14	3.56	3.70	.70	2.13	3.23	.11	.00	.01	.03
T14B0	T14768100	34	35	120	24	250	Salsipuedes Gaging Station	11.71	.31	2.63	5.33	.70	1.23	1.51	.00	.00	.00	.00
Y01B3	Y05771200	34	10	117	40	2,100	San Antonio Dam	9.10	.41	2.71	2.97	.42	.54	1.96	.05	.00	.00	.04
Y01B4	Y01771206	34	09	117	39	1,901	San Antonio Mts.	16.76	.22	2.81	8.02	1.35	1.93	1.71	.13	.14	.15	.00
Y01E2	Y017722403	34	06	117	16	1,047	San Bernardino - FC OF-Rrng	11.47	.21	1.14	5.13	1.61	1.33	1.65	.04	.00	.00	.00
Y01E2	Y01772436	34	06	117	17	1,030	San Bernardino Hanford	10.11	.21	1.25	5.54	1.48	.00	1.43	.16	.00	.01	.00
Y01E2	Y01772300	34	07	117	16	1,125	San Bernardino Med. Center	12.86	.24	1.36	5.45	1.67	1.64	1.82	.19	.03	.04	.00
W2600	U03773400	34	44	118	42	4,025	Sandberg Patrol Station	9.09	.09	1.48	4.42	.86	.22	1.04	.11	.09	.03	.06
W2600	U037																	

TABLE A (continued)  
MONTHLY PRECIPITATION

AREAL CODE	STATION NUMBER	LAT	LONG	ELEV	STATION NAME	TOTAL	PRECIPITATION IN INCHES											
							1984						1985					
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
U05B1	U05825211	34 06	118 15	455	Silver Lake Reservoir	---	.07	1.72	5.49	.66	2.19	---	.00	.21	.00	.00	.00	.03
T1100	T11825904	35 21	119 59	2,047	Simmler HMS	8.07	.15	1.82	3.39	.79	.30	.98	.26	.00	.00	.00	.17	.21
T1100	T11825902	35 23	120 05	2,040	Simmler RW Cooper	8.78	.24	2.07	3.53	.42	.42	1.30	.70	.00	.00	.00	.00	.10
Z0201	Z02827230	33 35	117 04	1,490	Skinner Lake	9.75	.19	1.03	5.65	.89	1.09	.47	.00	.00	.02	.04	.00	.37
X1907	X19831700	33 52	116 40	1,940	Snow Creek Upper	10.55	.00	.96	6.11	1.33	1.19	.44	.00	.00	.00	.00	.00	.78
W24A0	W24837925	36 08	117 58	3,825	South Malwee Reservoir	6.33	.22	2.63	1.96	.24	.11	.58	.00	.00	.04	.40	.00	.15
W03B0	W03840600	37 11	118 34	9,580	South Lake	17.16	.84	5.36	2.32	.70	1.08	2.82	.18	.08	.96	1.74	.00	1.08
U05D1	U05841401	34 06	118 09	690	South Pasadena-City Hall	13.71	.00	3.12	6.71	.88	1.78	1.10	.00	.00	.05	.00	.00	.07
W28C0	W28856600	34 45	117 00	2,865	Stoddard Valley	4.01	.00	.15	2.71	.35	.13	1.17	.00	.00	.00	.50	.00	.00
U05A3	U05857405	34 06	118 27	865	Stone Canyon Res-Law + P	13.43	.02	2.96	5.26	.85	2.30	1.76	.00	.15	.00	.00	.00	.13
W28B0	W28864610	34 18	117 21	3,500	Summit Valley Rentfro	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
Y02A1	Y02865500	33 47	117 12	1,420	Sun City	---	.04	.81	3.63	.65	1.03	.20	.00	.00	.00	.00	.00	.09
Y02A2	Y02865075	33 42	117 11	1,426	Sun City SDF	8.51	.04	.89	5.35	.65	1.05	.34	.00	.00	.00	.00	.00	.19
X19D7	X19875033	33 50	116 33	584	Tachevah Dam	4.74	.00	.20	3.63	.34	.17	.00	.00	.00	.00	.00	.00	.40
Y01B5	Y01884650	33 52	117 34	680	Temescal Water Co	---	.09	1.33	7.08	1.32	1.55	.80	.00	.00	.00	.00	---	---
X19D7	X19889200	33 38	116 09	-120	Thermal FAA Airport-SRG	2.63	.00	.47	1.49	.44	.03	.00	.00	.00	.00	.00	.00	.20
W03C0	W03893005	37 03	118 13	0	Tinemaha Reservoir F Evap.	---	.27	2.16	1.27	.33	.04	.21	---	---	1.05	.80	.00	.52
U04A1	U04896700	34 05	118 35	745	Topanga Patrol Station	13.70	.00	3.99	4.50	.93	2.40	1.78	.00	.05	.00	.00	.00	.05
U05A2	U05897300	33 48	118 20	100	Torrance	9.53	.41	1.63	4.22	.74	1.50	.75	.00	.19	.00	.00	.00	.09
X19D7	X19900225	33 50	116 36	2,700	Tramway Valley Station	11.16	.00	.72	6.06	.69	.42	.32	.00	.00	.00	2.22	.08	.65
C07B0	T11901000	35 04	119 37	2,125	Traver Ranch	7.13	.10	.00	.88	.09	1.32	2.50	.90	.45	.59	.30	.00	.00
W21A0	W21903500	35 45	117 22	1,420	Trona	4.30	.00	1.50	2.60	.10	.00	.00	.00	.00	.02	.00	.00	.08
U05B3	U05904700	34 16	118 17	1,690	Tujunga - Parra	---	---	1.62	6.54	.64	1.15	.79	.33	.23	.00	.04	.00	.10
Y01A1	Y01908700	33 43	117 46	118	Tustin Irvine Ranch Q-61	---	.09	1.80	4.66	.60	---	.59	.03	.05	.00	.00	.00	.49
X09A0	X09909900	34 08	116 03	1,975	Twentynine Palms	5.38	.00	.62	1.08	.33	.08	.00	.00	.00	.00	2.34	.02	.91
X09A0	X09909905	34 09	116 03	1,895	Twentynine Palms Cy	---	.00	.00	.32	.00	.00	.00	.00	.00	.00	---	---	---
X19C2	X19910520	33 52	116 47	3,440	Twin Pines Ranch	---	.48	1.61	7.82	2.06	1.13	3.05	1.07	.00	.00	.00	.00	.13
T12C0	T12911100	34 59	120 19	582	Twitchell Dam	14.00	1.31	2.12	3.48	1.18	2.30	3.23	.20	.00	.00	.00	.05	.13
U05A3	U05915200	34 04	118 26	430	U.C.L.A. - Westwood	11.69	.21	1.82	4.19	.78	2.46	2.02	.00	.11	.00	.00	.00	.10
Y01B1	Y01916012	34 07	117 40	1,609	Upland Chapel	12.74	.16	1.69	6.23	1.27	1.81	1.09	.00	.00	.18	.00	.00	.31
Y01B1	Y01916025	34 08	117 40	1,800	Upland FS No 2	10.88	.17	2.56	3.99	1.37	.43	1.26	.15	.25	.27	.00	.00	.43
Y01B5	Y01916325	33 50	117 34	1,250	Upper Drive	13.56	.13	1.94	7.71	.90	1.41	1.38	.00	.00	.00	.00	.00	.09
U05A4	U05916505	34 07	118 24	867	Upper Franklin Cyn Res LA	12.26	.18	2.57	5.80	.74	1.59	1.14	.00	.13	.00	.00	.00	.11
Z10C1	Z10918210	32 39	116 56	550	Upper Otay Reservoir-S.O.U.D.	---	.35	1.65	5.87	.46	1.31	.70	---	---	---	---	---	---
U05B1	U05926000	34 10	118 27	695	Van Nuys FC 15B	7.88	.02	.34	4.88	.60	1.11	.75	.02	.09	.00	.00	.00	.07
U02A0	U02928500	34 16	119 17	45	Ventura	---	.42	1.83	4.30	.90	1.49	1.27	.00	.00	.00	---	.00	.04
W28B0	W28932500	34 32	117 17	2,859	Victorville Pump Plant	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
U03E5	U03934500	34 29	118 08	3,135	Vincent Fire Station	5.52	.00	.57	3.80	.23	.10	.40	.00	.22	.00	.08	.00	.12
U05D3	U05934601	34 22	117 45	6,600	Vincent Gulch	---	.32	4.62	14.32	1.58	1.12	2.08	.00	1.24	.00	---	---	---
Z04B2	Z03937800	33 13	117 13	510	Vista 2 NNE	10.12	.03	1.57	4.47	.83	1.34	.76	.30	.00	.04	.00	.00	.78
U05D1	U05943100	34 00	117 52	488	Walnut Patrol Station	14.01	.12	2.19	6.67	1.39	1.62	1.05	.00	.14	.08	.00	.00	.75
U05D1	U05953151	34 07	118 04	547	West Arcadia	---	.07	2.14	6.93	.84	1.59	1.06	.00	.31	---	.00	.00	.23
Y01C3	Y01955475	33 50	117 22	1,480	Western MWD	7.33	.08	.92	4.51	.72	.49	.41	.00	.02	.00	.00	.00	.18
Y02B1	Y02958600	33 49	116 58	1,510	West Portal	11.96	.19	.95	5.00	1.41	1.47	.58	.71	.01	.00	.12	.00	1.52
U05A5	U05966000	33 58	118 01	320	Whittier City Hall	12.83	.09	2.05	6.47	.69	2.17	.97	.00	.15	.00	.00	.00	.24
Z02C2	Z02967575	33 35	117 15	1,250	Wildomar	10.03	.17	1.26	5.79	.55	1.27	.48	.02	.03	.00	.06	.00	.40
Y01C2	Y01967565	33 47	117 30	1,100	Wild Rose Ranch 57	10.98	.20	1.17	6.52	.69	1.20	.85	.00	.00	.00	.00	.00	.35
Y01C2	Y01967570	33 47	117 30	928	Wild Rose R Office	10.73	.20	1.30	6.21	.71	1.14	.86	.00	.00	.00	.00	.00	.31
W20B2	W20967100	36 15	117 14	4,100	Wildrose Ranger Station	---	.33	1.48	---	.13	.06	.16	.00	.24	.01	.00	.00	.65
U05B2	U05971021	34 21	118 27	3,175	Wilson Canyon (Sylmar)	---	.33	3.25	6.94	.98	2.60	2.93	.22	.22	---	---	---	---
Y01B6	Y01977440	33 53	117 21	1,557	Woodcrest SDF	6.88	.09	.87	3.95	.67	.57	.52	.00	.01	.00	.05	.00	.15
W28B0	W28981931	34 22	117 29	6,038	Wrightwood	5.37	.00	.11	4.36	.14	.15	.23	.00	.03	.02	.00	.00	.33
X19D2	X19981933	33 59	116 39	2,200	W W Trout Farm	13.52	.11	1.51	6.03	1.88	.98	2.55	.07	.00	.00	.02	.00	.37
W28E0	W28983675	34 55	116 48	1,912	Yermo Inspection Station	---	.00	.51	2.16	.40	---	.09	.00	---	---	---	.00	.03
Y01F7	Y01987505	34 02	117 02	2,660	Yucaipa CDF	10.69	.24	.53	5.50	1.46	.23	1.80	.93	.00	.00	.00	.00	.00
Y01F7	Y01987507	34 02	117 02	2,760	Yucaipa Water Co.	12.31	.21	1.21	5.39	1.30	1.02	1.68	.00	.03	.46	.03	.00	.98



## **APPENDIX B**

### **SURFACE WATER MEASUREMENT**

## Index to Daily Mean Discharge Table

Station Name	Station Number	Map Page	Data Page
Canada De Los Alamos below Apple Canyon	Z23770	24	31
Castaic Creek one mile above Fish Creek	Z32388	24	36
Elderberry Creek above Castaic Creek	Z32345	24	34
Fish Creek above Castaic Creek	Z32370	24	35
Mojave River, East Fork of West Fork, above Cedar Springs	V92250	25	27
Mojave River, East Fork of West Fork above Silverwood Lake	V92235	25	26
Mojave River, West Fork, above Cedar Springs	V92300	25	30
Mojave River, West Fork, at Highway 138 Bridge	V92285	25	29
Necktie Canyon Creek above Castaic	Z32340	24	33
Piru Creek below Buck Creek	Z23790	24	32
Sawpit Canyon Creek at Cedar Springs	V92280	25	38

## APPENDIX B

### SURFACE WATER MEASUREMENT

Appendix B presents stream flow measurement data in Southern California for the water year October 1, 1984 to September 30, 1985. A list of the stations appears on the facing page; their locations are shown on Figure 4 following.

Surface water measurements are listed in table B by ascending station number. The first character of a surface water station number is one of the *basin code* letters shown in Figure 1. The second character, a numeric, designates a specific tributary area within the major basin. These two characters, therefore, indicate the location of the station. Tributary areas used in this volume are:

BASIN V – SOUTH LAHONTAN BASIN

Tributary area 9 – Mojave River

BASIN Z – LOS ANGELES BASIN

Tributary Area 2 – Lower Santa Clara River

Tributary area 3 – Upper Santa Clara River

Surface water stations are named after the stream and a nearby landmark or post office, such as "Necktie Canyon Creek above Castaic."

The tables give the daily mean flow at designated stations. In addition, the maximum and minimum discharge and corresponding gage heights for the water year and the maximum discharge of record is summarized. The datum and other pertinent data concerning each station are also shown.

The discharge estimated for periods of no record are shown with the letter "E." Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based. The discharge figures have been rounded as follows:

#### Daily flows – second-feet

0.0	–	9.9	nearest Tenth
10	–	999	nearest Unit
1,000	–	9,999	nearest Ten
10,000	–	99,999	nearest Hundred
100,000	–	999,999	nearest Thousand

#### Monthly means – second-feet

0.0	–	99.9	nearest Tenth
100	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred

#### Monthly and yearly totals – acre-feet

0.0	–	9,999	nearest Unit
10,000	–	99,999	nearest Ten
100,000	–	999,999	nearest Hundred
1,000,000	–	9,999,999	nearest Thousand

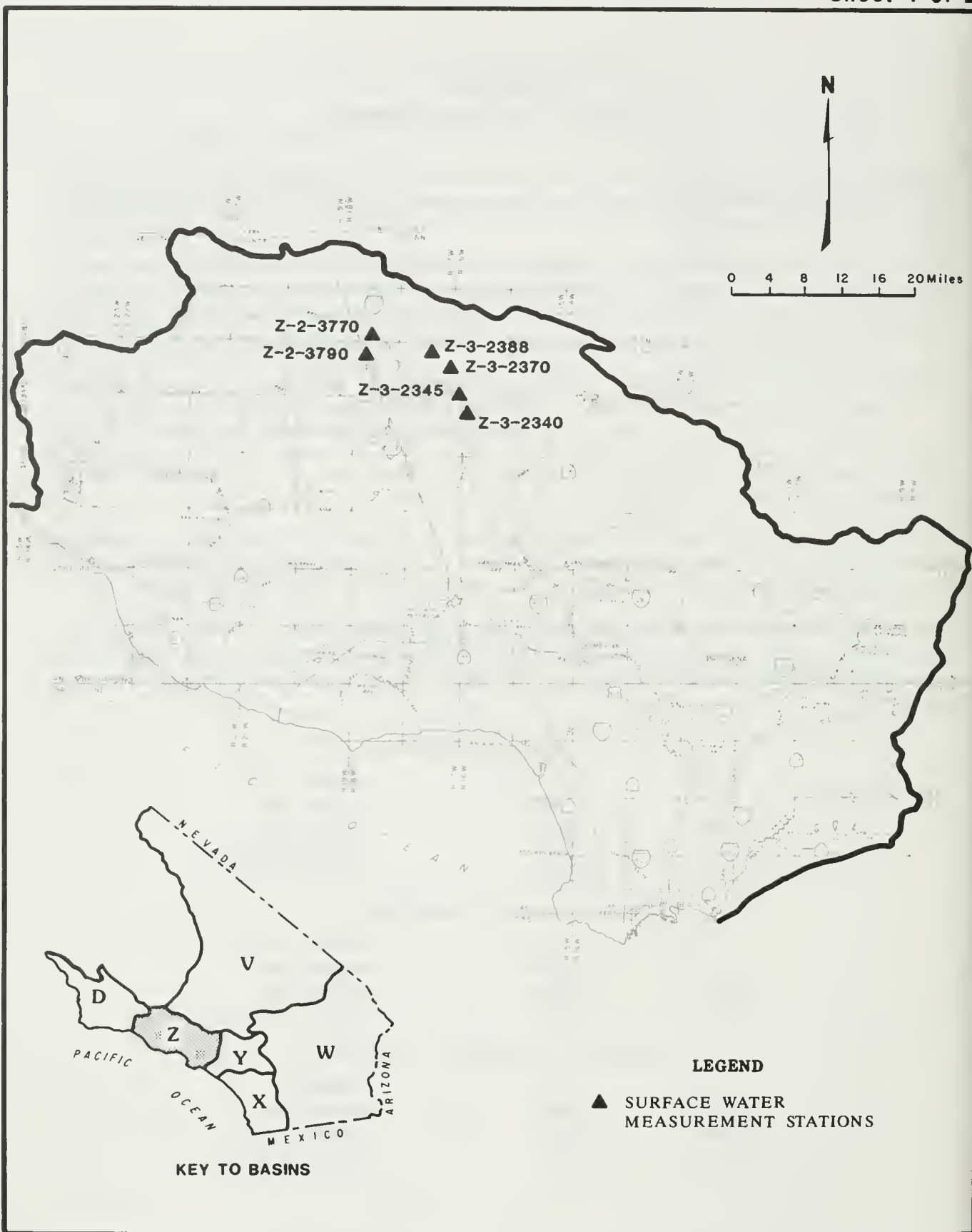


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
LOS ANGELES BASIN

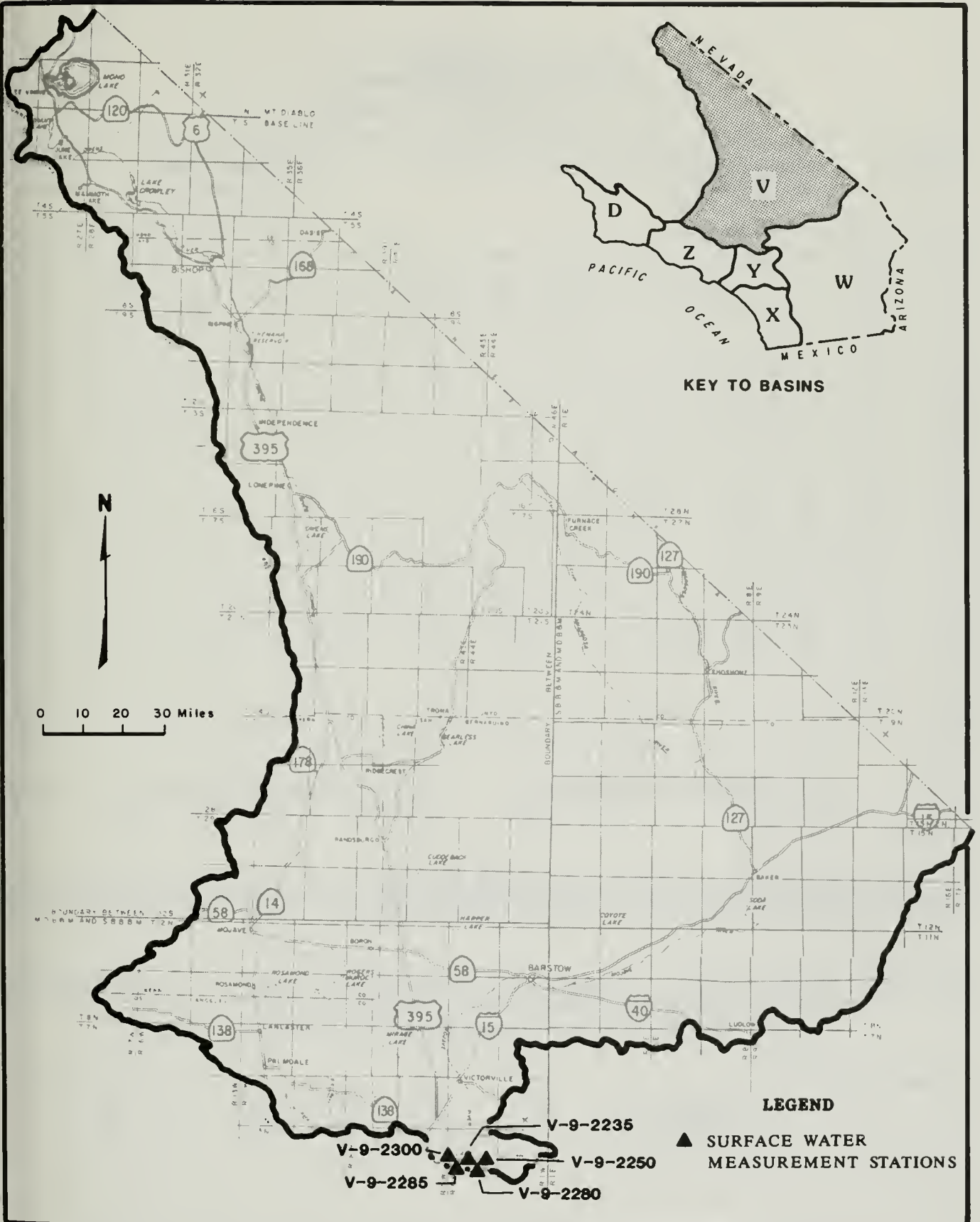


Figure 4 LOCATION OF SURFACE WATER MEASUREMENT STATIONS  
SOUTH LAHONTAN BASIN

# TABLE B DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92235 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE SILVERWOOD LAKE

LOCATION: LAT 34-16-30, LONG 117-19-23, T02N, R04W, SEC. 09, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 16.0 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	1.7	19	7.5	5.1	11	3.4	2.0	.0	.0	.0	1
2	.0	.1	1.6	16	8.3	7.4	10	3.5	2.0	.0	.0	.0	2
3	.0	.1	1.9	14	7.8	9.8	9.3	3.4	2.6	.0	.0	.0	3
4	.0	.1	2.1	13	7.4	8.9	8.7	3.3	2.0	.0	.0	.0	4
5	.0	.1	1.8	12	7.0	5.8	8.0	3.3	1.7	.0	.0	.0	5
6	.0	.1	1.7	11	6.8	5.7	7.4	3.3	1.5	.0	.0	.0	6
7	.0	.1	1.7	15	6.6	5.8	7.0	3.2	1.2	.0	.0	.0	7
8	.0	6.1	4.3	28	6.7	5.6	6.6	3.0	1.0	.0	.0	.0	8
9	.0	1.4	2.4	18	29	5.3	6.1	3.3	.7	.0	.0	.0	9
10	.0	.5	2.2	15	21	5.1	5.8	3.8	.7	.0	.0	.0	10
11	.0	1.1	4.1	13	15	5.1	5.7	3.5	.6	.0	.0	.0	11
12	.0	1.0	2.4	12	14	5.0	5.4	3.2	.4	.0	.0	.0	12
13	.0	8.5	2.1	11	14	4.9	5.1	2.9	.3	.0	.0	.0	13
14	.0	1.8	1.8	10	13	4.8	5.0	2.8	.2	.0	.0	.0	14
15	.0	1.3	1.7	9.5	12	4.8	5.0	2.8	.2	.0	.0	.0	15
16	.0	.9	18	9.0	12	4.6	4.9	2.7	.2	.0	.0	.0	16
17	.0	.7	5.3	8.5	11	4.6	5.0	2.6	.2	.0	.0	.0	17
18	.0	.6	97	8.2	11	5.8	5.1	2.5	.2	.0	.0	.0	18
19	.0	1.5	173	7.9	11	5.5	5.1	2.4	.1	.0	.0	.0	19
20	.0	1.0	72	7.6	11	5.0	5.3	2.3	.1	.0	.0	.0	20
21	.1	3.0	34	7.7	11	4.7	5.9	2.2	.1	.0	.0	.0	21
22	.1	2.4	21	7.6	11	4.5	5.4	2.1	.1	.0	.0	.0	22
23	.1	1.9	16	7.5	11	4.4	5.0	2.0	.1	.0	.0	.0	23
24	.0	5.9	13	7.4	10	4.4	4.7	1.9	.1	.0	.0	.0	24
25	.0	5.2	11	7.1	10	4.3	4.5	2.0	.1	.0	.0	.0	25
26	.0	2.4	22	7.0	9.9	4.2	4.3	2.1	.1	.0	.0	.0	26
27	.0	2.0	145	7.2	9.7	12	4.1	2.0	.1	.0	.0	.0	27
28	.1	1.9	72	8.9	8.2	38	3.9	1.9	.1	.0	.0	.0	28
29	.1	1.8	41	10	--	24	3.9	1.8	.1	.0	.0	.0	29
30	.1	1.7	30	8.7	--	15	3.7	1.9	.1	.0	.0	.0	30
31	.1	--	23	7.9	--	13	--	2.0	--	.0	.0	--	31
DAILY MEAN	.0	1.8	26.7	11.1	11.2	7.8	5.9	2.7	.6	.0	.0	.0	
MAX	.1	8.5	173	28	29	38	11	3.8	2.6	--	--	--	
MIN	.0	.1	1.6	7.0	6.6	4.2	3.7	1.8	.1	.0	.0	.0	
ACRE FEET	1	110	1640	684	621	482	351	165	37				

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
5.7	Wed Dec 19, 1984	430	281	4.59	Mon Jul 01, 1985		.0	.00	4091

## REMARKS:

The station is located just south of the State Park bike-path in Miller Canyon.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to the Area Control Center. A Stevens analog to graphic recorder. These instruments are housed in a concrete recorder house located on the right bank of the stream. CONTROL: The concrete control has a low flow "v" notch. GAGE HEIGHT RECORD: The station is visited weekly.

The datum for this station from 1974 to present is .0, local.

WATER YEAR 1985: HYDROLOGIC CONDITIONS: No changes occurred in the streams drainage area this water year. DATUM: No datum changes were made. Peak flow for the year was 281 CFS on December 19, 1984. DISCHARGE: The rating table used this year was number 2. REMARKS: No major problems were encountered.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1974:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	281	4.59	Wed Dec 19, 1984	430

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92250 MOJAVE RIVER, EAST FORK OF WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-16-18, LONG 117-17-30, T02N, R04W, SEC. 10, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 11.5 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.1	.6	13	5.6	2.9	7.1	2.1	.8	.0	.0	.0	1
2	.0	.1	.6	12	6.2	4.1	6.5	2.1	.8	.0	.0	.0	2
3	.0	.1	.7	11	5.7	3.5	5.9	2.0	1.0	.0	.0	.0	3
4	.0	.1	.7	9.8	5.2	3.3	5.3	1.9	.8	.0	.0	.0	4
5	.0	.1	.6	9.2	4.9	3.1	4.9	1.9	.7	.0	.0	.0	5
6	.0	.1	.6	8.9	4.5	3.0	4.5	2.0	.6	.0	.0	.0	6
7	.0	.1	.6	9.9	4.4	3.0	4.2	1.8	.5	.0	.0	.0	7
8	.0	2.1	1.6	17	4.6	2.9	4.0	1.6	.4	.0	.0	.0	8
9	.0	.4	.8	13	15	2.7	3.7	1.8	.4	.0	.0	.0	9
10	.0	.3	.7	11	13	2.7	3.5	2.2	.3	.0	.0	.0	10
11	.0	.2	1.4	10	10	2.6	3.3	1.9	.3	.0	.0	.0	11
12	.0	.2	.8	9.2	9.8	2.6	3.1	1.7	.3	.0	.0	.0	12
13	.0	2.5	.8	8.5	10	2.6	3.1	1.6	.2	.0	.0	.0	13
14	.0	.7	.7	8.0	9.4	2.5	3.0	1.5	.2	.0	.0	.0	14
15	.0	.5	.8	7.7	9.2	2.5	3.1	1.6	.2	.0	.0	.0	15
16	.0	.5	4.9	7.3	9.1	2.4	2.9	1.5	.2	.0	.0	.0	16
17	.0	.4	1.7	6.9	9.0	2.4	3.0	1.4	.1	.0	.0	.0	17
18	.0	.4	8.9	6.7	8.8	3.1	3.0	1.2	.1	.0	.0	.0	18
19	.0	.4	15.5	6.4	9.0	2.7	3.0	1.2	.1	.0	.0	.0	19
20	.0	.4	4.5	6.3	9.0	2.4	3.3	1.1	.1	.0	.0	.0	20
21	.0	1.6	18	6.2	8.8	2.4	3.6	1.0	.1	.0	.0	.0	21
22	.0	1.0	13	6.0	8.6	2.3	3.4	.9	.0	.0	.0	.0	22
23	.0	.7	10	5.9	8.4	2.2	3.1	.9	.0	.0	.0	.0	23
24	.0	2.2	8.6	5.8	8.3	2.2	2.9	.8	.0	.0	.0	.0	24
25	.0	2.1	7.5	5.7	8.2	2.1	2.8	1.0	.1	.0	.0	.0	25
26	.0	.9	15	5.6	8.1	2.1	2.7	1.3	.0	.0	.0	.0	26
27	.0	.8	11.9	5.7	8.1	5.7	2.4	1.0	.0	.0	.0	.0	27
28	.1	.7	4.5	7.1	5.8	1.9	2.3	.8	.0	.0	.0	.0	28
29	.1	.7	2.2	8.1	--	1.3	2.3	.7	.0	.0	.0	.0	29
30	.1	.6	16	7.0	--	8.6	2.2	.7	.0	.0	.0	.0	30
31	.1	--	14	6.4	--	7.5	--	.8	--	.0	.0	--	31
DAILY MEAN	.0	.7	19.2	8.4	8.1	4.0	3.6	1.4	.3	.0	.0	.0	
MAX	.1	2.5	15.5	17	15	19	7.1	2.2	1.0	--	--	--	
MIN	.0	.1	.6	5.6	4.4	2.1	2.2	.7	.0	.0	.0	.0	
ACRE FEET	1	42	1182	518	450	246	214	87	16				

MEAN FLOW	DATE	TIME	INSTANTANEOUS DISCHARGE	MAXIMUM FLOW, 1984-5	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
3.8	Wed Dec 19, 1984	415	303	4.83	Wed Jun 26, 1985		.0	2756

## REMARKS:

Station is located approximately 75 feet from park kiosk in Miller Canyon.

EQUIPMENT: A Fisher-Porter analog to digital recorder and a Stevens analog to graphic recorder. CONTROL: A concrete rounded crested weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder, is set one foot higher. The gage height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

## WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No change DATUM: No datum change. Levels were run in 1984. Six discharge measurements were made this water year. Peak flow of 303.5 CFS occurred during the storm of December 19, 1984. DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occurred this year.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1961:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	303	4.83	Wed Dec 19, 1984	415

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92280 SAWPIT CANYON CREEK AT CEDAR SPRINGS

LOCATION: LAT 34-16-42, LONG 117-20-10, T02N, R04W, SEC. 06, SB B4M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 1.4 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.1	.3	.3	2.1	.7	.8	1.1	.4	.2	.0	.1	.1	1
2	.1	.2	.3	1.8	.7	.9	1.1	.4	.2	.0	.0	.1	2
3	.1	.1	.3	1.5	.7	.8	1.0	.4	.3	.0	.0	.1	3
4	.1	.1	.3	1.4	.6	.7	.9	.4	.2	.0	.0	.1	4
5	.2	.1	.3	1.3	.6	.7	.8	.4	.2	.0	.0	.1	5
6	.1	.1	.3	1.2	.7	.7	.8	.4	.2	.0	.0	.0	6
7	.1	.2	.3	1.4	2.3	.7	.7	.4	.1	.0	.0	.1	7
8	.1	.7	.5	2.2	1.7	.7	.7	.3	.1	.0	.1	.0	8
9	.1	.2	.3	1.6	1.5	.7	.7	.3	.1	.0	.0	.1	9
10	.2	.2	.3	1.5	1.3	.6	.7	.3	.1	.0	.0	.1	10
11	.2	.2	.4	1.4	1.2	.6	.6	.3	.1	.0	.1	.1	11
12	.3	.2	.3	1.3	1.1	.6	.6	.3	.1	.0	.1	.1	12
13	.3	1.5	.3	1.1	1.0	.6	.6	.3	.1	.0	.1	.0	13
14	.3	.3	.3	1.1	1.0	.6	.5	.3	.1	.0	.1	.0	14
15	.3	.3	.4	1.0	.9	.6	.5	.3	.1	.0	.1	.0	15
16	.3	.2	1.3	.9	.9	.6	.5	.3	.1	.0	.0	.0	16
17	.3	.2	.5	.9	.9	.5	.5	.3	.1	.0	.0	.0	17
18	.2	.2	5.2	.9	.9	.7	.6	.3	.1	.0	.0	.1	18
19	.2	.2	10	.9	.9	.6	.6	.3	.1	.0	.0	.0	19
20	.2	.2	4.5	.8	.8	.5	.6	.3	.1	.0	.0	.0	20
21	.3	.5	2.6	.8	.8	.5	.6	.2	.1	.0	.0	.0	21
22	.3	.3	2.0	.8	.8	.5	.5	.2	.1	.0	.0	.0	22
23	.2	.3	1.6	.8	.8	.5	.5	.2	.1	.0	.0	.0	23
24	.2	.8	1.4	.8	.8	.5	.5	.2	.1	.0	.0	.0	24
25	.2	.7	1.2	.7	.7	.5	.5	.2	.1	.0	.0	.0	25
26	.3	.4	2.1	.7	.7	.5	.4	.2	.1	.0	.0	.0	26
27	.3	.3	9.0	.7	.7	.9	.4	.2	.1	.0	.0	.1	27
28	.3	.3	5.0	.9	.7	2.9	.4	.2	.0	.0	.0	.1	28
29	.4	.3	3.4	.9	--	1.8	.4	.2	.0	.0	.0	.1	29
30	.4	.3	2.8	.8	--	1.5	.4	.2	.0	.0	.0	.1	30
31	.3	--	2.4	.8	--	1.3	--	.2	--	.0	.0	--	31
DAILY MEAN	.3	.4	2.0	1.2	1.0	.8	.7	.3	.2	.0	.1	.1	
MAX	.4	1.5	10	2.2	2.3	2.9	1.1	.4	.3	.0	.1	.1	
MIN	.1	.1	.3	.7	.6	.5	.4	.2	.0	.0	.0	.0	
ACRE FEET	17	23	120	71	54	51	40	21	9	2	4	5	

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
.6	Wed Dec 19, 1984	415	17	1.85	Sat Aug 31, 1985	1200	.0	1.10	417

## REMARKS:

The stilling well is located on the right bank of the stream approximately two miles inside Silverwood Lake State Recreation Area boundary.

EQUIPMENT: An A-35 analog to graphic recorder and Fisher-Porter analog to digital recorder. CONTROL: The control remains a Trenton type in which the sides are vertical with a flat bottom. GAGE HEIGHT RECORD: The base reference gage is the outside staff. The gage height record is complete and usable. RATING: The stream bed averages about .5 feet deep and is composed of gravel cobblestones and many large boulders. Channel width varies from 3 to 4 feet. The station is visited weekly and there were numerous discharge measurements made.

The datum for this station from 1962 to present is .0, local.

WATER YEAR 1985:

HYDROLOGIC CONDITIONS: There has been no major changes in the streams drainage area. It remains heavily forested and depending on the amount of snow includes considerable snow melt. DATUM: No datum changes were made. DISCHARGE: The rating table number 2 was in effect the current water year. REMARKS: No major problems occurred at this station for the current water year.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1962:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	17	1.85	Wed Dec 19, 1984	415

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: V92285 MOJAVE RIVER, WEST FORK AT HIGHWAYS 138 BRIDGE

LOCATION: LAT 34-17-18, LONG 117-21-12, T02N, R05W, SEC. 01, SB B&M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 7.1 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.1	10	3.2	2.3	3.8	.9	.1	.0	.0	.0	1
2	.0	.0	.1	8.6	3.2	3.3	3.5	.8	.1	.0	.0	.0	2
3	.0	.0	.1	7.7	3.1	2.7	3.3	.8	.2	.0	.0	.0	3
4	.0	.0	.2	7.0	2.9	2.6	3.1	.8	.1	.0	.0	.0	4
5	.0	.0	.1	6.4	2.9	2.5	2.9	.7	.0	.0	.0	.0	5
6	.0	.0	.1	6.0	2.8	2.4	2.7	.7	.0	.0	.0	.0	6
7	.0	.0	.1	5.9	2.7	2.4	2.4	.7	.0	.0	.0	.0	7
8	.0	.0	.7	8.7	2.7	2.4	2.3	.6	.0	.0	.0	.0	8
9	.0	.0	.4	7.2	5.7	2.3	2.2	.7	.0	.0	.0	.0	9
10	.0	.0	.3	6.4	5.5	2.3	2.0	.8	.0	.0	.0	.0	10
11	.0	.0	.7	6.0	4.7	2.3	1.9	.9	.0	.0	.0	.0	11
12	.0	.0	.5	5.6	4.4	2.2	1.9	1.4	.0	.0	.0	.0	12
13	.0	.0	.4	5.2	4.2	2.1	1.7	1.0	.0	.0	.0	.0	13
14	.0	.0	.3	5.0	4.0	2.1	1.5	.6	.0	.0	.0	.0	14
15	.0	.0	.6	4.8	3.9	2.1	1.4	.5	.0	.0	.0	.0	15
16	.0	.0	11	4.4	3.6	2.0	1.4	.5	.0	.0	.0	.0	16
17	.0	.0	3.0	4.2	3.4	1.9	1.5	.4	.0	.0	.0	.0	17
18	.0	.0	39	4.1	3.3	2.4	1.5	.4	.0	.0	.0	.0	18
19	.0	.0	78	3.9	3.2	2.1	1.5	.4	.0	.0	.0	.0	19
20	.0	.0	36	3.6	3.1	2.0	1.5	.3	.0	.0	.0	.0	20
21	.0	.0	17	3.5	3.0	1.9	1.5	.3	.0	.0	.0	.0	21
22	.0	.1	11	3.5	2.9	1.9	1.5	.2	.0	.0	.0	.0	22
23	.0	.1	8.5	3.4	2.8	1.8	1.4	.2	.0	.0	.0	.0	23
24	.0	.2	7.1	3.3	2.7	1.7	1.3	.2	.0	.0	.0	.0	24
25	.0	.3	6.2	3.1	2.7	1.7	1.2	.1	.0	.0	.0	.0	25
26	.0	.2	14	3.1	2.6	1.7	1.2	.1	.0	.0	.0	.0	26
27	.0	.1	69	3.0	2.5	2.3	1.1	.2	.0	.0	.0	.0	27
28	.0	.1	33	4.0	2.4	7.9	1.1	.1	.0	.0	.0	.0	28
29	.0	.1	21	4.0	--	6.2	1.1	.1	.0	.0	.0	.0	29
30	.0	.1	16	3.5	--	4.8	1.0	.1	.0	.0	.0	.0	30
31	.0	--	13	3.3	--	4.3	--	.1	--	.0	.0	--	31
DAILY MEAN	.0	.0	12.5	5.1	3.4	2.7	1.9	.5	.0	.0	.0	.0	
MAX	--	.3	78	10	5.7	7.9	3.8	1.4	.2	--	--	--	
MIN	.0	.0	.1	3.0	2.4	1.7	1.0	.1	.0	.0	.0	.0	
ACRE FEET		3	769	314	187	164	112	31	1				

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
2.2	Wed Dec 19, 1984	1900	174	3.15	Wed Jun 05, 1985		.0	.00	1581

## REMARKS:

The stilling well is located on the left bank of the stream on Cleghorn Canyon Road just under Highway 138 bridge.

EQUIPMENT: A Stevens analog to digital recorder that is telemetered to Area Control Center at Castaic. A Stevens A-35 analog to graphic recorder. Also included with the telemetering equipment is a solar cell system for electrical power. CONTROL: The control includes a "ogee" weir for low flow control and is made of concrete. RATING: The control is located on a concrete lined channel that extends approximately 100 feet upstream and fifty feet down stream from the stilling wells. The station is visited weekly. GAGE HEIGHT RECORD: The reference gage is the outside staff. The record is complete and usable.

The datum for this station from 1971 to present is .0, local.

## WATER YEAR 1985:

HYDROLOGIC CONDITIONS: No major changes have occurred in the drainage area. DATUM: No datum changes were made. Five discharge measurements were made this water year. Peak flow of 143.36 CFS occurred December 19, 1984. DISCHARGE: The rating table in effect for the year was number 2. REHARKS: No major problems were encountered this year.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1971:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	174	3.15	Wed Dec 19, 1984	1900

**TABLE B (continued)**  
**DAILY MEAN DISCHARGE**  
**IN CUBIC FEET PER SECOND**

STATION NUMBER: V92300 MOJAVE RIVER, WEST FORK, ABOVE CEDAR SPRINGS

LOCATION: LAT 34-17-06, LONG 117-22-30, T02N, R05W, SEC. 02, SB B4M

SAN BERNARDINO COUNTY

DRAINAGE AREA: 3.2 SQ MILES

HYDROLOGIC AREA: W-28.B0

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.2	3.7	1.5	1.4	1.6	.6	.3	.0	.0	.0	1
2	.0	.0	.2	3.1	1.5	1.5	1.5	.6	.3	.0	.0	.0	2
3	.0	.0	.2	2.9	1.4	1.3	1.4	.6	.3	.0	.0	.0	3
4	.0	.0	.2	2.7	1.4	1.3	1.3	.6	.3	.0	.0	.0	4
5	.0	.0	.2	2.5	1.4	1.3	1.3	.6	.2	.0	.0	.0	5
6	.0	.0	.2	2.2	1.3	1.3	1.2	.6	.2	.0	.0	.0	6
7	.0	.0	.2	2.4	1.3	1.3	1.2	.5	.2	.0	.0	.0	7
8	.0	.1	.4	3.9	1.3	1.3	1.1	.5	.1	.0	.0	.0	8
9	.0	.1	.3	3.3	3.3	1.2	1.1	.6	.1	.0	.0	.0	9
10	.0	.0	.3	2.9	2.7	1.2	1.1	.6	.1	.0	.0	.0	10
11	.0	.0	.4	2.7	2.3	1.2	1.0	.6	.1	.0	.0	.0	11
12	.0	.0	.3	2.6	2.1	1.2	1.0	.6	.0	.0	.0	.0	12
13	.0	.2	.3	2.4	1.9	1.2	1.0	.5	.0	.0	.0	.0	13
14	.0	.1	.3	2.3	1.8	1.2	.9	.5	.0	.0	.0	.0	14
15	.0	.1	.4	2.2	1.8	1.2	.9	.4	.0	.0	.0	.0	15
16	.0	.1	3.6	2.0	1.7	1.1	.9	.4	.0	.0	.0	.0	16
17	.0	.1	1.1	1.9	1.6	1.1	1.0	.4	.0	.0	.0	.0	17
18	.0	.1	15	1.9	1.5	1.2	1.0	.4	.0	.0	.0	.0	18
19	.0	.1	29	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	19
20	.0	.1	12	1.8	1.5	1.1	1.0	.4	.0	.0	.0	.0	20
21	.0	.1	5.1	1.7	1.4	1.1	1.0	.3	.0	.0	.0	.0	21
22	.0	.2	3.0	1.6	1.4	1.1	.9	.3	.0	.0	.0	.0	22
23	.0	.2	2.3	1.6	1.4	1.1	.8	.3	.0	.0	.0	.0	23
24	.0	.5	1.9	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	24
25	.0	.7	1.6	1.5	1.3	1.0	.8	.3	.0	.0	.0	.0	25
26	.0	.4	4.8	1.5	1.3	1.0	.7	.3	.0	.0	.0	.0	26
27	.0	.3	30	1.4	1.3	1.2	.7	.3	.0	.0	.0	.0	27
28	.0	.3	14	1.8	1.2	3.4	.7	.3	.0	.0	.0	.0	28
29	.0	.3	8.1	1.7	--	2.5	.7	.2	.0	.0	.0	.0	29
30	.0	.2	5.8	1.6	--	2.0	.7	.3	.0	.0	.0	.0	30
31	.0	--	4.5	1.5	--	7.7	--	.3	--	.0	.0	--	31
DAILY MEAN	.0	.1	4.7	2.2	1.6	1.5	1.0	.4	.1	.0	.0	.0	
MAX	--	.7	30	3.9	3.3	7.7	1.6	.6	.3	--	--	--	
MIN	.0	.0	.2	1.4	1.2	1.0	.7	.2	.0	.0	.0	.0	
ACRE FEET		9	289	136	90	95	60	27	4				

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
1.0	Thu Dec 27, 1984	430	47	2.71	Fri Jun 21, 1985		.0	.00	71

**REMARKS:**

The station is located on the left bank of the stream just below Cleghorn Canyon Road approximately 3 miles east of Highway 138.

EQUIPMENT: Fisher-Porter analog to digital recorder. A Stevens analog to graphic recorder. CONTROL: The control is a concrete crest weir. GAGE HEIGHT RECORD: The reference gage is the outside staff. The inside gage, the Fisher recorder is set one foot higher. The gage height record is complete and usable. RATING: The station is visited weekly.

The datum for this station from 1961 to present is .0, local.

**WATER YEAR 1985:**

HYDROLOGIC CONDITIONS: No changes occurred in the stream's drainage area this year. DATUM: No datum change. Levels were run in 1984. Five discharge measurements were made this water year. Peak flow of 45.59 CFS occurred December 27, 1984. DISCHARGE: Rating table number 8 was in effect. REMARKS: No major problems occurred this W.Y.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1961:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	47	2.71	Thu Dec 27, 1984	430

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 223770 CANADA DE LOS ALAMOS BELOW APPLE CANYON

LOCATION: LAT 34-41-26, LONG 118-47-23, T07N, R18W, SEC. 21, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 61.8 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	2.2E	2.7E	2.4E	2.4E	2.4	2.3	2.8	2.3	2.0	2.1	1.9	1.9	1
2	2.2E	2.7E	2.3E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	2
3	2.2E	2.7E	2.4E	2.4E	2.2	2.2	2.8	2.3	2.0	2.1	1.9	1.9	3
4	2.2E	2.7E	2.3E	2.4E	2.2	2.3	2.8	2.3	2.0	2.1	1.9	1.9	4
5	2.2E	2.7E	2.3E	2.4E	2.2	2.4	2.8	2.3	2.0	2.1	1.9	1.9	5
6	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.1	1.9	1.9	6
7	2.3E	2.7E	2.3E	2.3E	2.2	2.5	2.7	2.3	2.0	2.0	1.9	1.9	7
8	2.3E	2.7E	2.5E	2.3E	2.1	2.4	2.7	2.3	2.0	2.0	1.9	1.9	8
9	2.3E	2.6E	2.4E	2.2	2.2	2.4	2.7	2.3	2.0	2.0	1.9	1.9	9
10	2.3E	2.6E	2.3E	2.6	2.0	2.5	2.7	2.3	2.0	2.0	1.9	1.9	10
11	2.4E	2.6E	2.6E	2.2	2.0	2.6	2.6	2.2	2.0	2.0	1.9	2.0	11
12	2.4E	2.6E	2.5E	2.2	2.0	2.7	2.6	2.2	2.0	2.0	1.9	2.0	12
13	2.4E	2.6E	2.4E	2.2	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	13
14	2.4E	2.6E	2.4E	2.3	2.0	2.8	2.6	2.2	2.0	2.0	1.9	2.0	14
15	2.4E	2.6E	2.4E	2.3	1.9	2.7	2.6	2.2	2.0	2.0	1.9	2.0	15
16	2.5E	2.6E	2.6E	2.3	2.0	2.8	2.5	2.2	2.0	2.0	1.9	2.0	16
17	2.5E	2.6E	2.5E	2.3	2.0	2.9	2.5	2.2	2.0	2.0	1.9	2.0	17
18	2.5E	2.5E	2.4E	2.5	2.0	3.1	2.5	2.2	2.0	2.0	1.9	2.0	18
19	2.5E	2.5E	2.6E	2.5	2.2	3.1	2.5	2.2	2.0	2.0	1.9	2.0	19
20	2.5E	2.5E	2.6E	2.5	2.3	3.0	2.5	2.1	2.0	2.0	1.9	2.0	20
21	2.5E	2.6	2.5E	2.5	2.3	2.9	2.4	2.1	2.0	1.9	1.9	2.1	21
22	2.6E	2.6E	2.4E	2.5	2.2	2.9	2.4	2.1	2.0	1.9	1.9	2.1	22
23	2.6E	2.6E	2.3E	2.5	2.1	3.1	2.4	2.1	2.0	1.9	1.9	2.1	23
24	2.6E	2.5E	2.2E	2.6	2.2	3.1	2.4	2.1	2.0	1.9	1.9	2.1	24
25	2.6E	2.5E	2.2E	2.6	2.1	3.2	2.4	2.1	2.0	1.9	1.9	2.1	25
26	2.6E	2.5E	2.2E	2.6	2.2	3.2	2.3	2.1	2.0	1.9	1.9	2.1	26
27	2.6E	2.4E	2.5E	2.6	2.2	3.0	2.3	2.1	2.0	1.9	1.9	2.1	27
28	2.7E	2.4E	2.5E	2.9	2.3	2.8	2.3	2.1	2.0	1.9	1.9	2.1	28
29	2.7E	2.4E	2.4E	2.7	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	29
30	2.7E	2.4E	2.4E	2.6	--	2.8	2.3	2.0	2.0	1.9	1.9	2.1	30
31	2.7E	--	2.4E	2.6	--	2.8	--	2.0	--	1.8	1.9	--	31
DAILY MEAN	2.4	2.6	2.4	2.4	2.1	2.7	2.6	2.2	2.0	2.0	1.9	2.0	
MAX	2.7	2.7	2.6	2.9	2.4	3.2	2.8	2.3	2.0	2.1	1.9	2.1	
MIN	2.2	2.4	2.2	2.2	1.9	2.2	2.3	2.0	2.0	1.8	1.9	1.9	
ACRE FEET	151	153	148	150	119	168	152	134	119	122	117	119	

MEAN FLOW	DATE	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
2.3	Mon Mar 25, 1985	TIME DISCHARGE GAGE HEIGHT 3.2 2.63	Wed Jul 31, 1985	TIME DISCHARGE GAGE HEIGHT 1.8 2.54	ACRE FEET 1652

## REMARKS:

On right bank about 1,300 feet upstream of Warne Power Plant.

EQUIPMENT: Fisher-Porter A.D.R. and Steven's A-35 recorders installed in a 48 inch steel pipe house mounted on concrete pipe. Records are normally 35 feet above water level. Control structure is a concrete lined channel with a concrete "V" notched weir. One outside staff is located on weir. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Fisher-Porter is the principal gage. Gage is checked by the outside staff and backed by the Steven's A-35 continuous chart. Due to plugged contact and extensive weed growth, means were calculated using hydrographs, rainfall record, and measurements. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Gage height shifts were used and applied for each streamflow measurement. All shifts are listed on a separate page. RATING: Channel width is approximately 75 feet. Both right and left bank are lined concrete with a "V" shaped channel. Stream is fed by a spring approximately two miles up from the station. Flows generally run around two C.F.S. all year. DISCHARGE: Primary computations were done at the San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: During peak discharge silt is brought in and settles in pond upstream of the weir, promoting tulies and algae growth.

The datum for this station from 1965 to present is .0, local.

## WATER YEAR 1985:

Peak discharge for the season was on March 25 with a mean of 3.2 cfs. There were 20 visits to the station and 12 measurements made. Numbering 324 thru 335. E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	3.2	2.63	Mon Mar 25, 1985	

**TABLE B (continued)**  
**DAILY MEAN DISCHARGE**  
**IN CUBIC FEET PER SECOND**

STATION NUMBER: 223790 PIRU CREEK BELOW BUCK CREEK

LOCATION: LAT 34-39-58, LONG 118-49-18, T07N, R18W, SEC. 30, SB B&M

VENTURA COUNTY

DRAINAGE AREA: 197.9 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	4.0E	6.4	9.4E	18	16	18	14	7.9	5.8	2.5	2.2	2.3	1
2	4.1E	6.4	9.3E	17	17	18	13	7.7	5.6	2.5	2.1	2.5	2
3	4.2E	6.4	9.5E	17	15	18	13	7.6	5.6	2.5	2.1	2.7	3
4	4.2E	6.4	9.4E	16	15	17	13	7.5	5.3	2.5	2.0	3.0	4
5	4.3E	6.4	9.4E	16	15	17	13	7.2	4.8	2.5	2.1	3.1	5
6	4.3E	6.5	9.3E	16	15	16	13	7.2	4.4	2.5	2.0	3.0	6
7	4.4E	6.6	9.3E	22	15	17	12	7.3	4.1	2.5	2.0	3.2	7
8	4.4E	7.1	9.3E	38	15	17	12	7.3	3.9	2.5	2.0	2.9	8
9	4.5E	6.9	11 E	29	18	16	12	7.4	3.7	2.4	2.0	3.0	9
10	4.5E	7.0	15 E	32	17	15	12	7.6	3.5	2.4	2.1	3.0	10
11	4.6E	7.2	33 E	26	16	15	11	7.5	3.3	2.4	2.1	3.2	11
12	4.7E	7.9	21 E	24	16	15	11	7.3	3.3	2.4	2.2	3.1	12
13	4.8E	52	14 E	21	16	14	11	6.9	3.2	2.4	2.2	2.8	13
14	4.9E	18	11 E	20	16	14	11	6.6	3.1	2.4	2.2	2.7	14
15	5.0E	12	9.0E	20	17	14	10	6.3	3.0	2.4	2.2	2.6	15
16	5.1E	11	11 E	20	18	14	10	6.3	3.0	2.4	2.1	2.7	16
17	5.2E	13	9.8E	18	22	14	11	6.5	2.9	2.3	2.2	2.9	17
18	5.3	13 E	11	18	25	14	11	6.4	2.8	2.3	2.2	3.0	18
19	5.4	13 E	13	19	28	14	11	6.1	2.8	2.3	2.2	3.1	19
20	5.6	12 E	12	21	27	14	10	5.9	2.8	2.3	2.2	3.1	20
21	5.8	12 E	12	22	24	14	10	5.8	2.8	2.3	2.1	3.1	21
22	5.8	11	13	23	21	14	10	5.6	2.8	2.3	2.1	3.2	22
23	5.8	11	12	20	20	13	9.6	5.5	2.7	2.3	2.1	3.2	23
24	5.8	12	12	19	19	13	9.2	5.2	2.9	2.3	2.0	3.2	24
25	5.8	15	13	18	18	13	9.0	5.1	3.0	2.2	2.0	3.3	25
26	5.8	12	14	18	18	13	9.1	5.4	2.8	2.2	2.1	3.3	26
27	6.0	11	21	17	18	14	8.9	5.5	2.5	2.2	2.0	3.4	27
28	6.1	10	20	18	18	14	8.6	5.5	2.4	2.2	2.1	3.5	28
29	6.1	9.9	18	19	--	16	8.5	5.4	2.4	2.2	2.1	3.5	29
30	6.2	9.4	18	17	--	15	8.3	5.4	2.5	2.2	2.1	3.6	30
31	6.4	--	18	16	--	14	--	5.8	--	2.2	2.1	--	31
DAILY MEAN	5.1	11.3	13.4	20.5	18.4	15.0	10.8	6.5	3.5	2.4	2.1	3.0	
MAX	6.4	52	33	38	28	18	14	7.9	5.8	2.5	2.2	3.6	
MIN	4.0	6.4	9.0	16	15	13	8.3	5.1	2.4	2.2	2.0	2.3	
ACRE FEET	316	671	827	1260	1021	920	646	398	206	145	129	181	

MEAN FLOW	INSTANTANEOUS MAXIMUM FLOW, 1984-5				INSTANTANEOUS MINIMUM FLOW, 1984-5				TOTAL
	DATE	TIME	DISCHARGE	GAGE HEIGHT	DATE	TIME	DISCHARGE	GAGE HEIGHT	
9.3	Tue Nov 13, 1984	1200	185	3.16	Thu Aug 29, 1985	1815	.5	.79	6720

**REMARKS:**

LOCATION Immediately downstream of confluence of Buck Creek and 3.7 miles nothwest of Pyramid Dam in Los Padres National Forest.

EQUIPMENT: Stevens 7000 A.D.R. and A-71 continuous chart recorder are located inside of 36 inch steel pipe housing and well. There are 3 outside staffs graduating from .00 to 10.00 feet. Control is a concrete compound weir with a 1/4 inch steel cap to reduce wear. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Principal gage is the Steven's 7000 A.D.R. backed by the A-71 continuous recorder. A.D.R. failure on two occasions October 1 thru 17 and December 1 thru 17. Record was made using A-71 charts and measurements. RATING: Channel width is approximately 70 feet. Right and left bank are vertical rock. Streambed upstream of weir is sand, rock, and small vegetation. Downstream has washed down to the bedrock with large rock on right bank. Rating table number 3 was used for entire year. There were 24 current meter measurements numbering 412 thru 435. Total number of station observations was 39. DISCHARGE: Primary computations were done in San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang computer system. REMARKS: When flows reach about 400 C.F.S. access to the station is cut off 3 miles upstream. Measurements are sometimes made at that point (crossing) to use for comparisons.

The datum for this station from 1965 to present is .0, local.

**WATER YEAR 1985:**

Peak discharge for the year was November 13 with a mean flow of 52 cfs. DATUM AND GAGE-HEIGHT CORRECTIONS: Datum corrections were used during this period of record in order to correct for swimmers dams. Gage height shifts were made and applied for each measurement in a stage shift manner. All shifts are listed on a separate page.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	185	3.16	Tue Nov 13, 1984	1200

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 232340 NECKTIE CANYON CREEK ABOVE CASTAIC

LOCATION: LAT 34-33-36, LONG 118-36-48, T06N, R16W, SEC. 31, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 2.1 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.1	.1E	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.1	.1E	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.2	.1	.2E	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1	.1	.2E	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	1.9	.1E	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.2	.8	.1E	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.4	.1E	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1E	.3	.1E	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.0	.1E	.2	.1E	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.0	.1	.2	.1E	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.5	.1	.1	.1E	.0	.0	.0	.0	.0	.0	18
19	.0	.0	9.4	.1	.1	.0E	.0	.0	.0	.0	.0	.0	19
20	.0	.0	3.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.7	.1	.1	.0E	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.5	.1	.1	.0E	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.3	.1	.1	.0E	.0	.0	.0	.0	.0	.0	26
27	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.6	.1	.1	.0E	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.4	.1	--	.0E	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0E	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0E	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.6	.1	.2	.1	.0	.0	.0	.0	.0	.0	
MAX	--	--	9.4	.2	1.9	.2	--	--	--	--	--	--	
MIN	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			38	7	13	4							

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
.1	Wed Dec 19, 1984	1445	26	1.68	Tue Mar 19, 1985	1330	.0	.46	62

## REMARKS:

2.2 miles north of Castaic Dam, 400 feet upstream of maximum lake level.

The datum for this station from 1967 to present is .0, local.

## WATER YEAR 1985:

Flow started in December and ended in March. Peak flow for season was December 19. GAGE-HEIGHT RECORD: Record was good for the entire year. However, in March estimated means were made by using hydrograph comparisons. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made and applied for each measurement. All shifts are listed on separate pages.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1967:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	26	1.68	Wed Dec 19, 1984	1445

**TABLE B (continued)**  
**DAILY MEAN DISCHARGE**  
**IN CUBIC FEET PER SECOND**

STATION NUMBER: 232345 ELDERBERRY CANYON CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-34-18, LONG 118-37-30, T06N, R17W, SEC. 36, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 2.6 SQ MILES

HYDROLOGIC AREA: U-03.D2

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	1
2	.0	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	2
3	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	3
4	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	4
5	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	5
6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	6
7	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	7
8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	8
9	.0	.0	.0	.1	.8	.1	.0	.0	.0	.0	.0	.0	9
10	.0	.0	.0	.1	.5	.1	.0	.0	.0	.0	.0	.0	10
11	.0	.0	.0	.1	.3	.0	.0	.0	.0	.0	.0	.0	11
12	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	12
13	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	13
14	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	14
15	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	15
16	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	16
17	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	17
18	.0	.0	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	18
19	.0	.0	3.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	19
20	.0	.0	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	20
21	.0	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	21
22	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	22
23	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	23
24	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	24
25	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	25
26	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	26
27	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	28
29	.0	.0	.5	.0	--	.0	.0	.0	.0	.0	.0	.0	29
30	.0	.0	.3	.1	--	.0	.0	.0	.0	.0	.0	.0	30
31	.0	--	.3	.1	--	.0	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	
MAX	--	--	3.9	.2	.8	.1	--	--	--	--	--	--	
MIN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ACRE FEET			25	6	6	2							

MEAN FLOW	DATE	TIME	INSTANTANEOUS DISCHARGE	MAXIMUM FLOW, 1984-5 GAGE HEIGHT	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5 DISCHARGE	MINIMUM FLOW, 1984-5 GAGE HEIGHT	TOTAL ACRE FEET
.1	Wed Dec 19, 1984	1615		11 1.90	Mon Mar 11, 1985	430		.0 .22	39

REMARKS:

3.0 miles north of Castaic Dam and 300 feet up the canyon.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-35 continuous chart recorder equipment is checked with the outside staff. Station house and well is a concrete bunker with a 1/4 inch steel door. A compound weir with a steel cap is used for control. Station has a low flow 2" contact pipe in front of a "V"-notch. Holes have been drilled in well side for high flow contact. RATINGS: Station is normally dry during summer and fall. Rating table number 3 used when flow is present. Streambed is steep and rocky. Left bank is vertical rock. Right bank is sloped with grouted rip-rap for stability. There were 11 measurements made numbering from 207 thru 218. Types of measurements were volumetric and six-tenths method using a pygmy current meter. A total of 16 visits to the station. Rating is good and no improvements were needed. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Station is well established and gives a good indication of flow activity for streams in the area.

The datum for this station from 1966 to present is .0, local.

WATER YEAR 1985:

Peak discharge was December 19 with a mean daily flow of 3.9 cfs. GAGE-HEIGHT RECORD: Record was excellent for the year. During time of flow (December thru March). Primary record was the A.D.R. and checked by the analog recorder. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were made. Shifts were made for each measurement and applied in a stage shift manner, using the A-35 charts for each month.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1966:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR INSTANTANEOUS MAXIMUM	11	1.90	Wed Dec 19, 1984	1615

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: Z32370 FISH CREEK ABOVE CASTAIC CREEK

LOCATION: LAT 34-36-09, LONG 118-39-43, T06N, R17W, SEC. 22, SB B4M

LOS ANGELES COUNTY

DRAINAGE AREA: 27.2 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0	2.9	1.6	1.2	.7	.0	.0	.0	.0	.0	1
2	.0	.0	.0	2.7	1.6	1.2	.7	.0	.0	.0	.0	.0	2
3	.0	.0	.0	2.6	1.6	1.2	.6	.0	.0	.0	.0	.0	3
4	.0	.0	.0	2.4	1.5	1.2	.6	.0	.0	.0	.0	.0	4
5	.0	.0	.0	2.3	1.4	1.2	.6	.0	.0	.0	.0	.0	5
6	.0	.0	.0	2.2	1.4	1.2	.5	.0	.0	.0	.0	.0	6
7	.0	.0	.0	2.5	1.4	1.8	.5	.0	.0	.0	.0	.0	7
8	.0	.0	.0	2.6	1.5	1.5	.5	.0	.0	.0	.0	.0	8
9	.0	.0	.0	2.3	2.3	1.3	.4	.0	.0	.0	.0	.0	9
10	.0	.0	.0	2.6	1.7	1.3	.4	.0	.0	.0	.0	.0	10
11	.0	.0	.0	2.3	1.6	1.3	.4	.0	.0	.0	.0	.0	11
12	.0	.0	.0	2.1	1.6	1.3	.3	.0	.0	.0	.0	.0	12
13	.0	.0	.0	2.0	1.5	1.2	.3	.0	.0	.0	.0	.0	13
14	.0	.0	.0	1.9	1.4	1.2	.2	.0	.0	.0	.0	.0	14
15	.0	.0	.0	1.9	1.4	1.1	.2	.0	.0	.0	.0	.0	15
16	.0	.0	.0	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	16
17	.0	.0	.0	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	17
18	.0	.0	.4	1.9	1.4	1.1	.1	.0	.0	.0	.0	.0	18
19	.0	.0	17	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	19
20	.0	.0	14	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	20
21	.0	.0	6.7	1.8	1.4	.9	.1	.0	.0	.0	.0	.0	21
22	.0	.0	4.1	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	3.3	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	2.7	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	24
25	.0	.0	2.3	1.8	1.3	.8	.1	.0	.0	.0	.0	.0	25
26	.0	.0	2.3	1.8	1.3	.9	.0	.0	.0	.0	.0	.0	26
27	.0	.0	4.7	1.8	1.3	1.0	.0	.0	.0	.0	.0	.0	27
28	.0	.0	4.2	2.1	1.2	.9	.0	.0	.0	.0	.0	.0	28
29	.0	.0	3.5	2.1	--	.9	.0	.0	.0	.0	.0	.0	29
30	.0	.0	3.3	1.8	--	.8	.0	.0	.0	.0	.0	.0	30
31	.0	--	3.1	1.7	--	.7	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.0	2.3	2.1	1.5	1.1	.3	.0	.0	.0	.0	.0	
MAX	--	--	17	2.9	2.3	1.8	.7	--	--	--	--	--	
MIN	.0	.0	.0	1.7	1.2	.7	.0	.0	.0	.0	.0	.0	
ACRE FEET			142	129	81	67	16						

MEAN FLOW	DATE	INSTANTANEOUS TIME	MAXIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	DATE	INSTANTANEOUS TIME	MINIMUM FLOW, 1984-5 DISCHARGE	GAGE HEIGHT	TOTAL ACRE FEET
.6	Thu Dec 19, 1985	1745	41	2.64	Fri Apr 26, 1985		.0	.00	435

REMARKS:

FISH CREEK  
Z3-2370 Below Castaic Creek 1,500 feet and 7.9 miles north of Castaic.

EQUIPMENT: Fisher-Porter A.D.R. and a Stevens A-71 continuous chart recorder. One outside staff located on weir. Weir is a compound design made of concrete with a 1/4 inch steel cap to reduce wear. Station house and well are concrete block. Access door is steel plate with a hinged backing plate to deflect bullets. Observers are Water Resources personnel. GAGE-HEIGHT RECORD: Fisher-Porter A.D.R. is principal gage. Checked with outside staff and backed up by the A-35. RATING: Channel width is approximately 90 feet. Right and left banks are sloped rock and dirt with small vegetation. DISCHARGE: Primary computations were done at San Joaquin District in Fresno, California, using the U.S.G.S. surface water program modified for use on the Wang Computer system. REMARKS: Rating table number seven could use an extension on the upper end of curve.

The datum for this station from 1965 to present is .0, local.

WATER YEAR 1985:

There were 14 measurements made numbering 312 thru 325, with a total of 40 visits. Rating number seven was used. Rating is fair, but could use more high flow measurements to confirm it. Record is complete for the year. A.D.R. quit in December and record was calculated using A-35 chart. Peak discharge was December 19 with a mean daily flow of 17 C.F.S. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used for this period of record. Gage-height shifts made for each measurement and applied in a stage-shift manner, using the A-35 charts for each month. Shifts listed on separate sheet.

E = Estimated. NR = No record. \* = Discharge measurement or observation of no flow.

FOR PERIOD OF RECORD BEGINNING 1965:

ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
AVERAGE/YEAR				
INSTANTANEOUS MAXIMUM	41	2.64	Thu Dec 19, 1985	1745

# TABLE B (continued) DAILY MEAN DISCHARGE IN CUBIC FEET PER SECOND

STATION NUMBER: 232388 CASTAIC CREEK ONE MILE ABOVE FISH CREEK

LOCATION: LAT 34-36-54, LONG 118-39-28, T06N, R17W, SEC. 14, SB B&M

LOS ANGELES COUNTY

DRAINAGE AREA: 35.9 SQ MILES

HYDROLOGIC AREA: U-03.E1

WATER YEAR OCTOBER 1984 thru SEPTEMBER 1985

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	DAY
1	.0	.0	.0E	1.4	1.2	1.1	.9	.1	.0	.0	.0	.0	1
2	.0	.0	.0E	1.4	1.5	1.0	.9	.1	.0	.0	.0	.0	2
3	.0	.0	.2E	1.4	1.4	1.0	.9	.1	.0	.0	.0	.0	3
4	.0	.0	.1E	1.3	1.4	1.0	.8	.1	.0	.0	.0	.0	4
5	.0	.0	.0E	1.3	1.3	1.0	.8	.1	.0	.0	.0	.0	5
6	.0	.0	.0E	1.4	1.3	1.0	.7	.0	.0	.0	.0	.0	6
7	.0	.0	.0E	1.6	1.3	1.6	.7	.0	.0	.0	.0	.0	7
8	.0	.0	.3E	1.5	1.3	1.3	.6	.0	.0	.0	.0	.0	8
9	.0	.0	.2E	1.4	2.2	1.2	.6	.0	.0	.0	.0	.0	9
10	.0	.0	.1E	1.7	1.6	1.3	.5	.0	.0	.0	.0	.0	10
11	.0	.0	.0E	1.6	1.7	1.3	.5	.0	.0	.0	.0	.0	11
12	.0	.0	.0E	1.4	1.6	1.3	.4	.0	.0	.0	.0	.0	12
13	.0	.5E	.0E	1.3	1.6	1.2	.4	.0	.0	.0	.0	.0	13
14	.0	.1E	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	14
15	.0	.0	.0E	1.3	1.5	1.3	.3	.0	.0	.0	.0	.0	15
16	.0	.0	.5E	1.3	1.4	1.3	.3	.0	.0	.0	.0	.0	16
17	.0	.1E	.4E	1.3	1.4	1.1	.3	.0	.0	.0	.0	.0	17
18	.0	.0	3.0E	1.3	1.4	1.2	.3	.0	.0	.0	.0	.0	18
19	.0	.0	10 E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	19
20	.0	.0	9.2E	1.3	1.6	1.1	.2	.0	.0	.0	.0	.0	20
21	.0	.0	8.6E	1.4	1.5	1.0	.2	.0	.0	.0	.0	.0	21
22	.0	.0	7.8E	1.4	1.4	.9	.2	.0	.0	.0	.0	.0	22
23	.0	.0	7.3E	1.3	1.4	.9	.2	.0	.0	.0	.0	.0	23
24	.0	.0	6.8E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	24
25	.0	1.0E	5.9E	1.3	1.3	.9	.2	.0	.0	.0	.0	.0	25
26	.0	.0	5.0E	1.3	1.2	.9	.2	.0	.0	.0	.0	.0	26
27	.0	.0	4.2E	1.4	1.2	1.2	.1	.0	.0	.0	.0	.0	27
28	.0	.0	3.7E	1.7	1.1	1.0	.1	.0	.0	.0	.0	.0	28
29	.0	.0	2.6E	1.7	--	.9	.1	.0	.0	.0	.0	.0	29
30	.0	.0	2.1E	1.5	--	.9	.1	.0	.0	.0	.0	.0	30
31	.0	--	1.4E	1.4	--	.9	--	.0	--	.0	.0	--	31
DAILY MEAN	.0	.1	2.6	1.4	1.4	1.1	.4	.0	.0	.0	.0	.0	
MAX	--	1.0	10	1.7	2.2	1.6	.9	.1	--	--	--	--	
MIN	.0	.0	.0	1.3	1.1	.9	.1	.0	.0	.0	.0	.0	
ACRE FEET		3	157	86	80	68	24	1					

MEAN FLOW	DATE	TIME	INSTANTANEOUS MAXIMUM FLOW, 1984-5	DATE	TIME	INSTANTANEOUS MINIMUM FLOW, 1984-5	TOTAL
.6	Wed Dec 19, 1984	1530	DISCHARGE 23 GAGE HEIGHT 1.95	Mon May 06, 1985	715	DISCHARGE .0 GAGE HEIGHT .46	ACRE FEET 419

## REMARKS:

EQUIPMENT: Stevens 7001 A.D.R. and A-35 continuous recorders in 36" C.M.P. recorder house and well. Contact is a 2" galvanized pipe that extends from the station to the "V"-notch at the weir. Weir is compound with 1/4 inch steel cap to minimize wear. GAGE-HEIGHT RECORD: Steven's 7001 A.D.R. is principal gage. Recorder is checked by an outside staff and backed up with the A-35. RATING: Channel width is approximately 60 feet. Left bank is steep with grouted rip-rap. Right bank is a gentle slope of rock and sand. Streambed consists of mostly sand with small rock. Flow reaching about 6 feet over weir would start to overtop right bank and open up a new flood plain. DISCHARGE: Primary computations were done at the San Joaquin District in Fresno, California, using the USGS surface water program, modified for use on the Wang Computer system. REMARKS: Rating table needs to be confirmed with high flow measurements. Annual runoff has been low since weir was rebuilt.

The datum for this station from 1960 to present is .0, local.

## WATER YEAR 1985:

Record is fair with estimated means for the months of December and April. Both cases were due to recorder failure. Hydrography comparisons and A-35 charts were used. There are 21 measurements numbering from 420 thru 440. Methods were current meter .6 and volumetric, with a total of 27 visits to the station. DATUM AND GAGE-HEIGHT CORRECTIONS: No datum corrections were used. Gage-height shifts were made and applied for each measurement in a stage shift manner. All shifts and corrections are listed on a separate sheet.

E - Estimated. NR - No record. \* - Discharge measurement or observation of no flow.

## FOR PERIOD OF RECORD BEGINNING 1968:

AVERAGE/YEAR	ACRE FEET	FLOW CFS	GAGE HEIGHT	DATE	TIME
INSTANTANEOUS MAXIMUM		23	1.95	Wed Dec 19, 1984	1530

## **APPENDIX C**

### **SURFACE WATER QUALITY**

# SAMPLING STATION INDEX SOUTHERN CALIFORNIA

Station	Station Number	Location*	Areal Code	Beginning of Record	Analyses on Page
ALAMO R. N. OF THE INT BOUNDARY	W9 2025.00	17S/16E-18S	X23A0	DEC 1969	521
ALAMO R NR. NILAND	W9 2100.00	11S/13E-22S	X23A0	OCT 1949	52
ALL AMERICAN CA AB PILOT KNOB WY	W7 1929.00	16S/21E-24S	X23A0	MAY 1953	51
CACHUMA RES NR. SANTA YNEZ	D8 1565.00	06N/29W-19S	T14D0	MAR 1958	50, 61
CHINO C NR. CHINO	Y2 1210.05	03S/08W-36S	Y01A3	NOV 1945	53
COLORADO R AQU NR PARKER DM	W2 1960.00	03N/27E-28S	X1400	MAR 1960	50
CUYAMA R BL TWITCHELL DM	D6 3050.00	10N/32W-18S	T1200	MAY 1959	50, 63, 67
EATON WA A PASADEN DIV	Z7 5920.10	01N/12W-02S	U05C2	MAY 1985	59, 61
ELLSINORE LK A ELSINORE	Y8 2200.00	06S/05W-02S	Y02C1	MAY 1951	55
ESCONDIDO C NEAR HARMONY GROVE	X4 3400.05	12S/02W-30S	Z04F2	DEC 1950	52, 63, 67
HUASNA R NR ARROYO GRANDE	D6 4150.00	12N/33W-32S	T12C0	OCT 1984	50, 63, 67
MATILIJ CA MATILIJ HOT SPRINGS	Z1 5150.00	05N/23W-19S	U02B0	JAN 1971	56, 61
MISSION C NR MONTEBELLO	Z7 6150.00	02S/11W-06S	U05A5	MAR 1950	59
MOJAVE R A LO NARS NR VICTORVILLE	V9 1620.00	06N/04W-29S	W28B0	DEC 1941	50, 61, 63, 67
MOJAVE R BL FORKS RES NR HESPERIA	V9 2095.00	03N/03W-18S	W28B0	OCT 1971	50, 61
NEW R A INT BDY A CALEXICO	W9 1830.00	17S/14E-14S	X23A0	APR 1951	52
NEW R NR WESTMORELAND	W9 1100.00	12S/13E-19S	X23A0	OCT 1949	52
OTAY R A SAVAGE DM	X7 1300.00	18S/01E-18S	Z10B0	DEC 1950	53, 64, 68
PIRU C BL SANTA FELICIA DM	Z2 3240.00	04N/18W-03S	U03D1	JUNE 1961	57, 61
PIRU C RELEASE FROM PYRAMID DM	Z2 3760.00	06N/18W-02S	U03D2	SEPT 1973	57, 69
RIO HONDO BL WHITTIER NARROWS DM	Z6 9780.00	02S/12W-12S	U05A5	MAY 1963	57
RIO HONDA NR MONTEBELLO	Z7 5100.00	02S/11W-06S	U05D1	JAN 1952	59, 65, 70
SALTON SEA AT SALTON SEA ST PK	W5 1600.70	08S/10E-02S	X2800	NOV 1951	51
SAN DIEGO R A OLD MISSION DAM	X5 1230.30	15S/02W-25S	Z07A2	JAN 1952	53, 63, 67
SAN DIEGUITO R A HODGES LK	X4 1200.00	13S/03W-18S	Z04F1	DEC 1946	52, 63, 67
SAN GABRIEL R A AZUSA PH	Z7 1927.10	01N/10W-22S	U05D3	MAR 1951	58, 61
SAN GABRIEL R A WHITTIER NARROWS	Z7 1100.90	02S/11W-05S	U05A5	MAR 1950	58, 65, 69
SAN JACINTO R NR SAN JACINTO	Y9 1450.00	05S/01E-13S	Y02B1	FEB 1985	56, 65, 69
SAN TIMOTEO C WT AV NR SAN BERNAR	Y7 1145.00	01S/04W-23S	Y01E2	MAR 1964	55, 65, 69
SANTA ANA R A E ST BR NR SAN BERNAR	Y5 1100.00	01S/04W-22S	Y01E2	JAN 1966	54, 61, 64, 68
SANTA ANA R A HAMMER AV NR CORONA	Y6 1225.00	03S/07W-01S	Y01B5	NOV 1945	55, 64, 68
SANTA ANA R A MWD XING NR ARLIN	Y6 1410.00	02S/06W-25S	Y01B6	NOV 1948	55, 65, 69
SANTA ANA R BL PRADO DM	Y1 1550.00	03S/07W-29S	Y01A3	MAR 1950	53, 61, 64, 68
SANTA ANA R NO 3 TR NR MENTONE	Y5 1978.00	01S/02W-04S	Y01E7	APR 1951	54
SANTA CLARA R A HWY 99	Z2 1702.00	04N/16W-17S	U03E0	SEPT 1951	56, 61
SANTA CLARA R A LA-VENTURA COU LI	Z3 1135.00	04N/17W-30S	U03E1	APR 1951	57, 61
SANTA CLARA R NR SANTA PAULA	Z2 1360.10	03N/21W-12S	U03C1	FEB 1951	56, 61
SANTA MARGARITA R NR FALLBROOK	X2 1350.00	09S/04W-14S	Z02B1	FEB 1951	52, 63, 67
SANTA PAULA C NR SANTA PAULA	Z2 1300.00	04N/21W-27S	U03B1	JULY 1917	56, 61
SANTA YNEZ R A SOLVANG	D8 1440.00	06N/31W-21S	T14C0	APR 1951	50, 63, 67
SESPE C NR FILLMORE	Z2 2150.00	04N/20W-12S	U03C1	FEB 1951	56, 61
SISQUOC R NR GAREY	D6 2100.00	10N/33W-36S	T12B0	FEB 1985	50, 63
SWEETWATER R A LOVEL DM NR ALPINE	X6 1450.00	16S/02E-17S	Z09B1	MAY 1971	53, 64, 67
TIAJUANA R A INT BOUNDARY	X8 1200.20	19S/02W-01S	Z11A1	FEB 1952	53, 64, 68
VENTURA R NR VENTURA	Z1 1100.00	03N/23W-08S	U02B0	MAY 1951	56, 65, 69
WHITEWATER R A WHITEWATER	W3 1450.00	03S/03E-02S	X19D1	FEB 1951	51, 61
WHITEWATER R NR MECCA	W3 1070.00	07S/09E-30S	X19D1	JULY 1957	51, 63, 67

\* S = San Bernadino Base and Meridian

## APPENDIX C

### SURFACE WATER QUALITY

Appendix C presents the results of chemical analyses of surface water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are presented in categories, as follows:

Table	Title
C-1	Mineral Analyses of Surface Water
C-2	Minor Element Analyses of Surface Water
C-3	Miscellaneous Analyses of Surface Water
C-4	Nutrient Analyses of Surface Water

To facilitate use of the surface water quality tables, a sampling station index is provided on the facing page. This index lists the stations in the tables and gives location data for each. The number of pages referenced indicates the extent of analysis for each station. The locations of the stations are shown on Figure 5, (pages 41 through 47).

In order to increase the amount of information presented in the water quality tables, multiple headings are used at the top of each column, and data tabulated respectively. For example, the first column of Table C-1 shows the date of sample collection printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

At the time of sampling, dissolved oxygen, pH, temperature, specific conductance and gage height are determined.

Abbreviations and codes used in each table are explained at the beginning of each table.

Surface water quality stations are listed in the tables by ascending station number. The station number appears on the left, and the areal code on the right of the station name. The areal code is described on page 2.

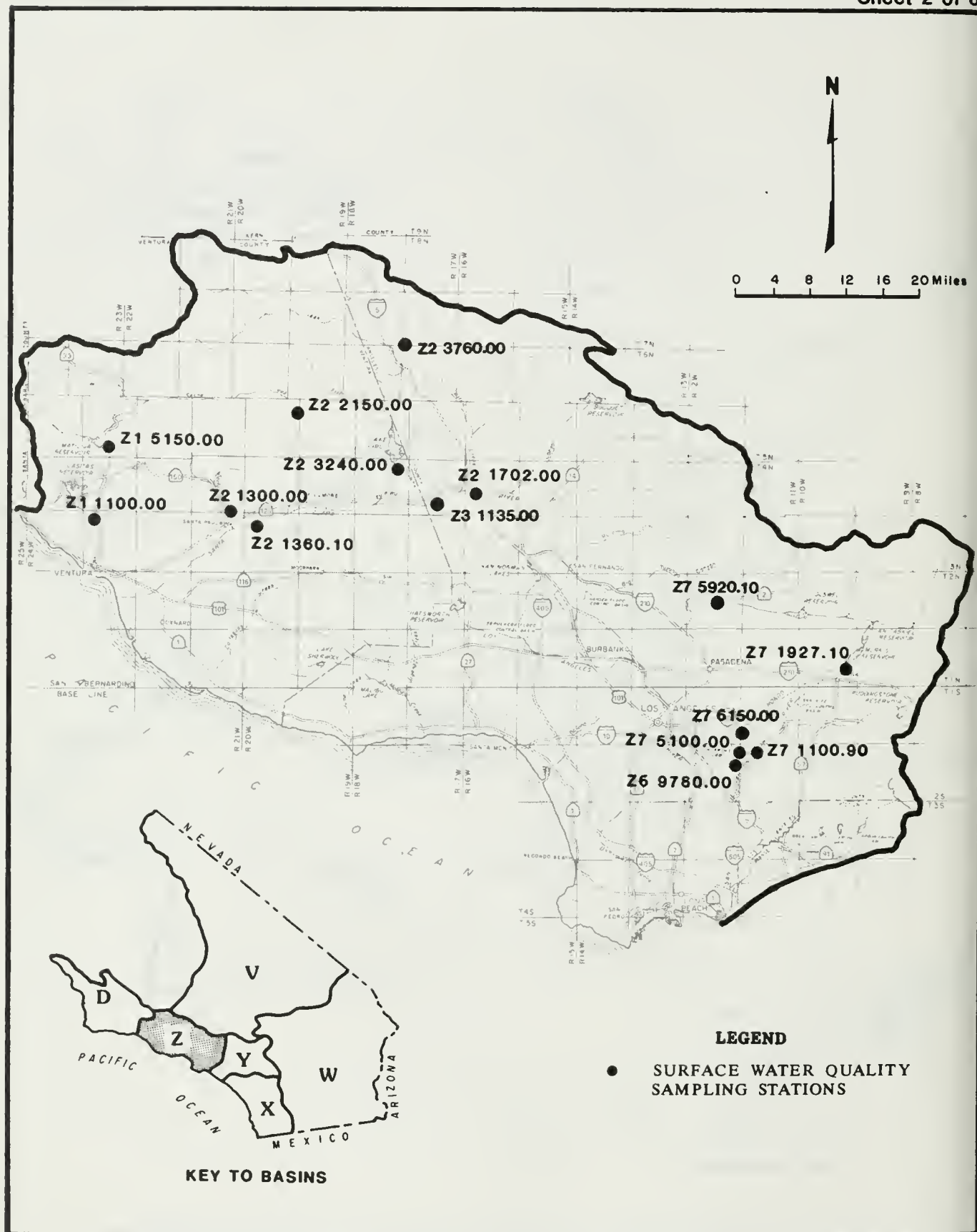
As with surface water measurement stations, surface water quality stations are named after the stream and a nearby landmark or post office. An example of this is the station "Cuyama River below Twitchell Dam." If a sampling station is situated at the site of a surface water measurement station, each uses the same name.

The first character of a surface water quality station number is one of the *basin code* letters shown in Figure 1. The second character, a numeral, designates a specific tributary area within that major basin. These two characters, therefore, indicate the general location of the station. In this appendix, data are reported for the basins and tributaries listed on the following page:

BASIN		TRIBUTARY	
Ltr	Name	No.	Name
D	Central Coastal	6	Santa Maria – Cuyama
		8	Santa Ynez River
V	South Lahontan	9	Mojave River
W	Colorado River	2	Needles – Colorado River
		3	Whitewater River
		5	West Salton Sea
		7	Blythe – Yuma – Colorado River
		9	Imperial Irrigation District
X	San Diego	2	Santa Margarita River
		4	San Dieguito River
		5	San Diego River
		6	Sweetwater River
		7	Otay River
		8	Tia Juana River
Y	Santa Ana	1	Santa Ana River below Narrows
		2	Chino Creek
		5	Santa Ana Headwaters
		6	Santa Ana River above Narrows
		7	San Timoteo Creek
		8	Temescal Wash–Elsinore
		9	San Jacinto River
Z	Los Angeles	1	Ventura River
		2	Lower Santa Clara River
		3	Upper Santa Clara River
		6	Los Angeles River
		7	San Gabriel River above Narrows



Figure 5. LOCATION OF SURFACE WATER QUALITY STATIONS  
CENTRAL COASTAL BASIN



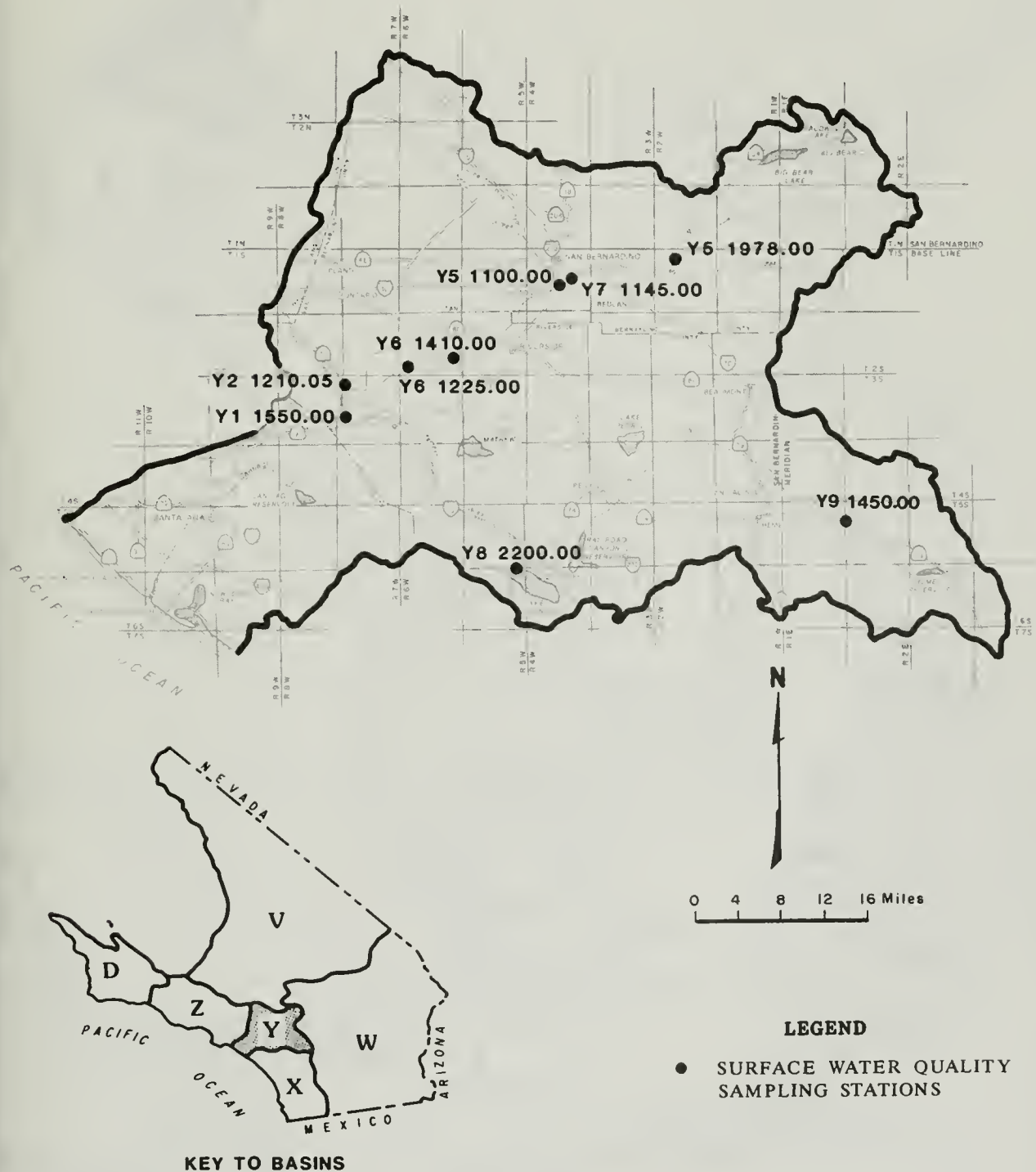


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SANTA ANA BASIN



**Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SOUTH LAHONTAN BASIN**

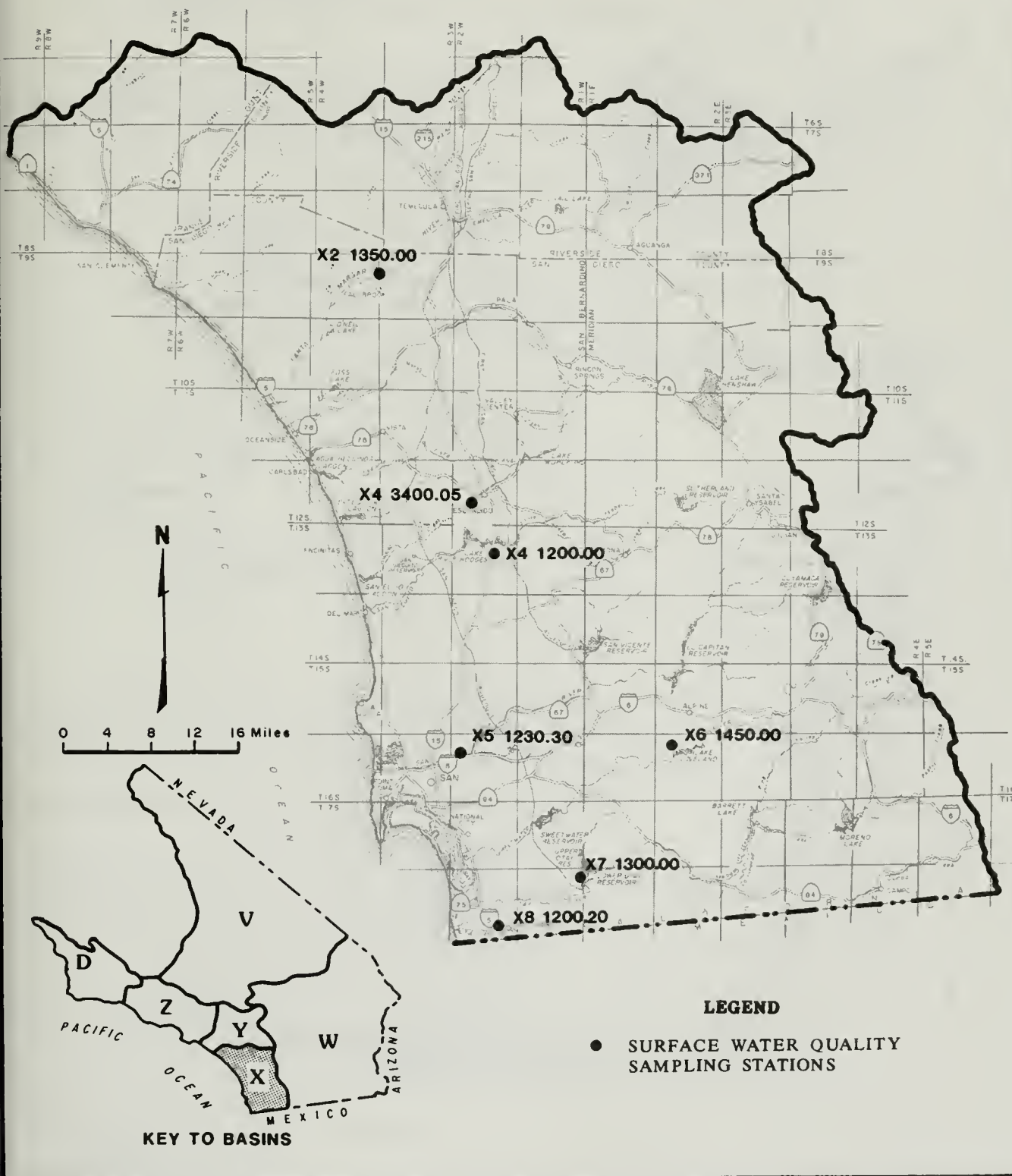


Figure 5 LOCATION OF SURFACE WATER QUALITY STATIONS  
SAN DIEGO BASIN

- 46 -

# TABLE C-1

## MINERAL ANALYSES OF SURFACE WATER

### Lab and Sampler Agency Code

4412 – Metropolitan Water District of Southern California  
 5050 – California Department of Water Resources  
 5064 – California Department of Water Resources, Castaic Lab

### Abbreviations and Constituents

TIME	- Pacific Standard Time on a 24-hour clock
G. H.	- Instantaneous gage height in feet above an established datum
Q	- Instantaneous discharge in cubic feet per second (E = Estimated)
DO	- Dissolved oxygen content in milligrams per liter
SAT	- Percent of normal dissolved oxygen saturation
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
Field	- Determined in the field
Laboratory	- Determined in the laboratory
pH	- Measure of acidity or alkalinity of water
EC	- Electrical conductance in microseimens at 25°C

#### Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units; milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TDS	- Gravimetric determination of total dissolved solids at 180°C
SUM	- Total dissolved solids by summation of analyzed constituents minus 40 percent of analyzed constituents
TH	- Total Hardness
NCH	- Noncarbonate hardness – any excess of total hardness over total alkalinity
TURB	- Jackson Turbidity Units measured with Hellige Turbidimeter (E) or a Hach Nephelometer (A) with (F) for field determinations
SAR	- Sodium Adsorption ratio
ASAR	- Adjusted sodium adsorption ratio

(Continued on page 48)

## Abbreviations and Constituents (continued)

REM - Remarks; code letters are:

- T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.
- E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.
- S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5$  percent.
- X - The field EC and the lab EC are not within 20 percent of each other.
- C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.

DATE TIME	SAMPLER LAR	G.C. O	DO SAT	TEMP	FIELD		MINERAL CONSTITUENTS IN							MILLIGRAMS PER LITER				MILLIGRAMS PER LITER					REMARKS
					LAB	PH	EC	PERCENT				REACTANCE VALUE				PERCENT							
								CA	MG	NA	K	CAC33	SO4	CL	NO3	70A5	SI02	TOS SIM	TM NCN	SAR ASAR			
.....																							
D6		2100.00		SISQUOC R NR GAREY										T12B0									
02/12/85	5053		17.8	66.0	8.0	700	99	57	9A	3.0	212	309	49	9.6	.2	.6	779	471	1.1	EX			
1050	0000	.5	139	18.9	8.0	1060	4.74 40	4.40 39	2.44 20	3.10 1	4.24 35	6.39 93	1.27 11	.165 1	504	504	499	471	2.7				
D6		3050.00		CUYAMA R RL TWITCHNELL DM										T1200									
11/13/84	9050		9.9	97	57	F	7.9	1250	313	101	353	8.8	219	3340	303	3.2	.4	.9	2190	1200	1.9	EX	
0700	5053	RE	97	14	C	8.0	1060	15.62 53	8.31 27	6.66 22	8.23 3	4.30 14	23.73 77	2.90 9	.02 0	274	--	1949	982	9.2	C		
01/14/85	5053		10.8	56	F	7.8	1380	233	99	388	9.6	206	903	131	.7	.4	.9	1900	922	2.7	EX		
1650	5050	2E	104	13	C	8.1	2220	10.63 40	7.83 29	8.18 30	.22 1	4.12 19	18.90 71	3.69 14	.01 0	41A	--	1663	717	7.0	C		
04/15/85	5053		3.8	77	F	8.0	1850	191	96	135	7.4	233	739	113	.3	.3	.9	1550	871	2.0	E		
1500	5059	2.5	107	25	C	7.9	2000	9.93 41	7.90 34	5.87 25	.19 1	4.66 20	12.39 66	3.13 14	.00 0	1A	--	1420	639	9.3			
D6		4350.00		HUASNA R NR ARROYO GRANDE										T1200									
10/30/84	5050		8.8	66	F	7.3	380	108	36	90	1.1	286	161	48	2.4	.2	.6	619	418	1.1	Y		
1130	0000	1E	94	39	C	8.0	922	5.39 91	2.86 28	2.18 21	.03 0	5.71 99	3.35 32	1.35 13	.04 0	2A	--	978	132	2.7			
02/11/85	5050		10.1	14.5	7.5	600	93	28	47	1.4	236	148	43	1.9	.2	.9	939	347	1.1	Y			
1750	0030	25E	49	9.7	8.2	832	4.64 91	2.30 25	2.04 23	.04 0	4.72 92	3.08 34	3.21 13	.03 0	1A	--	504	111	2.6				
DR		1440.00		SANTA YNE7 R A SOLV4NG										T14C0									
11/13/84	5050		0.79	8.6	64	F	7.8	400	--	--	--	--	287	29	--	--	--	737	469		EX		
0900	5050	15E	91	18	C	1030						5.98	.82		3A	--							
01/15/85	5053		0.88	11.6	54	F	8.0	350	--	--	--	--	287	33	--	--	--	794	491		EX		
5050	5050	2F	109	12	C	1050						5.98	.93		3A	--							
DR		1565.00		CACNUMA RES NR SANTA YNEZ										T14D0									
11/19/84	5050	37.35	8.2	65	F	8.0	380	--	--	--	--	--	280	13	--	--	--	630	391		EX		
1000	5050	RR	18	C	875							5.83	.37		3A	--							
01/15/85	5050	37.51	10.0	55	F	8.0	340	--	--	--	--	--	282	13	--	--	--	627	390		EX		
1210	5050		96	13	C	869						5.87	.37		1A	--							
04/16/85	5050	36.95	9.2	65	F	8.5	760	--	--	--	--	--	346	13	--	--	--	771	387		E		
0910	5050		99	18	C	855						7.20	.37		4A	--							
07/19/85	5053	31.21	8.3	75	F	8.2	690	--	--	--	--	--	296	14	--	--	--	643	390		E		
1005	5050		100	24	C	859						6.16	.39		3A	--							
V9		1620.00		MOJAVE R A LO NARS NR VICTORVILLE										V2880									
11/14/84	5050		9.8	93	F	7.9	200	36	9.0	39	3.4	138	34	24	7.9	.1	.9	266	127	1.5	Y		
0900	9050	3.33	99	32	C	9.2	423	1.80 42	.74 17	1.70 39	.09 2	2.76 69	.71 17	.68 16	.12 3	1A	--	236	0	2.6			
01/08/85	5053	3.43	6.9	97	F	8.0	222	39	7.0	40	3.6	338	39	29	7.3	.3	.4	288	126	1.6	Y		
1245	9050	30E	69	14	C	8.0	425	1.95 45	.98 13	1.74 40	.09 2	2.76 64	.73 17	.71 16	.12 3	2A	--	247	0	2.7			
04/18/85	5053	3.78	8.9	62	F	8.0	365	38	8.0	39	3.2	142	33	29	7.2	.1	.4	244	128	1.9			
1000	5050		160	17	C	8.1	419	1.90 44	.66 19	1.70 39	.08 2	2.84 69	.69 16	.73 16	.12 3	1A	--	239	0	2.8			
07/18/85	5050	3.29	8.2	74	F	7.5	330	39	8.0	42	4.1	136	38	28	5.6	.3	.9	279	130	1.6	Y		
0705	5050		105	23	C	8.2	518	1.95 43	.96 15	1.83 40	.10 2	2.72 62	.70 18	.79 19	.09 2	1A	--	247	0	2.8			
V9		2095.00		MOJAVE R RL FORKS RES NR HESPERIA										W2880									
01/17/85	5050		11.2	40	F	7.6	140	25	9.0	21	1.2	90	19	12	.4	.1	.7	184	83	1.0	EX		
0840	5050	4E	95	4	C	8.3	250	1.25 48	.41 14	.91 35	.03 1	1.80 71	.40 16	.34 13	.03 0	3A	--	138	0	1.4	Y		
04/18/85	5050		9.4	63	F	8.0	245	22	9.0	23	1.5	82	18	20	.9	.1	.9	162	76	1.1			
1130	5090	33E	108	17	C	8.0	263	1.10 43	.41 16	1.00 39	.04 2	1.64 64	.37 14	.56 22	.01 0	1A	--	140	0	1.9			
W2		1060.00		COLORADO R AQH NR PARKER DM										W1400									
10/16/84	4412						79	26	83	3.6	133	249	65	1.0	--	.3	.9	999	304	2.3			
0000	0000				R+Z	938	3.94 40	2.14 22	3.61 37	1.80 1	2.66 28	5.16 53	1.83 19	.02 0		.3	.9	994	171	4.2			
11/13/84	4412		60.8				78	25	83	3.7	134	241	64	1.2	--	.3	.9	994	298	2.3			
4412	4412		16.0		R+Z	940	3.89 40	2.06 21	3.61 37	.09 1	2.68 28	5.02 53	1.80 19	.02 0		.3	.9	994	164	4.3			
12/11/84	4412						68	22	73	3.2	120	208	57	1.1	--	.3	.9	513	260	2.0			
4412	4412				R+Z	821	3.39 40	1.81 21	3.18 38	.08 1	2.40 29	4.33 52	1.61 39	.02 0		.3	.9	511	140	3.8			
12/11/84	4412		55.4				68	22	73	3.2	120	208	57	1.1	--	.3	.9	513	260	2.0			
4412	4412		13.0		R+Z	821	3.39 40	1.81 21	3.18 38	.08 1	2.40 29	4.33 52	1.61 39	.02 0		.3	.9	511	140	3.8			
01/08/85	4412						76	24	76	1.6	133	231	61	1.4	--	.3	.9	565	291	2.0			
4412	4412				R+Z	911	3.79 41	2.01 22	3.39 37	.09 1	2.66 29	4.81 52	1.72 19	.02 0		.3	.9	564	197	4.0			
02/14/85	4412		53.8				76	25	81	3.7	130	242	63	1.3	--	.3	.9	489	293	2.1			
4412	4412		12.0		R+Z	926	3.79 46	2.06 22	3.52 37	.08 1	2.60 28	5.04 53	1.78 19	.02 0		.3	.9	478	143	4.2			

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.W. O	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					
						Ca	Mg	Na	K	CaCO3	SO4	CL	NO3	TJR3	SI02	TDS SUM	TN NCH	SA AS49	REM
M2 1950.00 COLORADO R AGU NR PARKER OH																			
										X1400 CONTINUED									
05/12/85	4412			60.8F		78	25	80	3.7	134	244	62	1.2	--	.3	594	303	2.0	
4412				16.0C	929	3.89	2.10	3.48	.09	2.68	5.08	1.75	.02	--	.3	593	166	4.1	
						41	22	36	1	28	53	18	0						
05/07/85	4412			69.8F	8.3	893	77	25	78	3.3	241	60	1.0	--	.3	574	295	2.0	
4412				21.0C		3.84	2.06	3.39	.08	2.62	5.02	1.69	.02	--	.3	572	164	4.0	
						41	22	36	1	28	54	18	0						
06/04/85	4412			69.8F	8.3	889	76	25	78	3.8	235	50	1.0	--	.3	566	293	2.0	
0000				21.0C		3.70	2.06	3.39	.10	2.62	4.89	1.66	.02	--	.3	564	167	4.0	
						41	22	36	1	29	53	18	0						
07/11/85	4412				8.4	872	74	25	76	3.5	230	60	.5	--	.3	558	299	1.9	
4412						3.69	2.10	3.31	.09	2.62	4.79	1.69	.01	--	.3	557	159	3.9	
						40	23	36	1	29	53	19	0						
08/10/85	4412			69.8F	8.3	867	68	22	72	3.1	206	55	.8	--	.3	517	262	1.9	
4412				21.0C		3.39	1.85	3.13	.08	2.62	4.29	1.55	.01	--	.3	515	131	3.8	
						40	22	37	1	31	51	18	0						
08/24/85	4412				8.5	875	74	24	79	3.6	230	60	.8	--	.3	560	266	2.0	
4412						3.69	2.01	3.44	.09	2.60	4.79	1.69	.01	--	.3	558	139	4.1	
						40	22	37	1	29	53	19	0						
09/03/85	4412			77.0F		74	24	75	3.6	130	230	60	.8	--	.3	555	266	1.9	
4412				25.0C	581	3.69	2.01	3.26	.10	2.60	4.79	1.69	.01	--	.3	554	155	3.9	
						41	22	36	1	29	53	19	0						
W3 1070.00 WHITEWATER R NR MECCA										X1901									
12/10/84	5050		8.2	63	F	7.8	1400	--	--	--	654	278	--	--	--	1740	510		X
0640	5050	50E	134	17	C		2560	--	--	--	13.62	7.84	--	--	--				
03/20/85	5050		9.1	72.0F	7.8	2460	--	--	--	--	741	274	--	--	--	1730	528		
1245	5050	70E	164	22.2C		2570	--	--	--	--	15.43	7.73	--	11A	--				
06/07/85	5050		7.0	85	F	8.2	2000	--	--	--	553	224	--	--	--	1440	495		
1410	5050	85E	144	29	C		2220	--	--	--	11.51	6.32	--	15A	--				
09/12/85	5050		73	F	7.8	2100	--	--	--	--	561	208	--	--	--	1910	504		E
1000	5050	168E	23	C		2140	--	--	--	--	11.68	5.67	--	32A	--				
W3 1450.00 WHITEWATER R A WHITEWATER										X1901									
12/10/84	5050	1.15	9.3	58	F	7.9	200	46	11	12	29	4.0	1.7	.0	.8	218	165	0.4	X
1115	5050	15E	96	14	C	8.4	370	2.40	.90	.52	.11	.03	.44	--	--	207	3	0.8	
								61	23	13	3	1							
03/21/85	5050	1.27	8.8	67.0F	7.7	320	46	11	12	4.0	27	3.0	1.6	.0	.8	204	160	0.4	
0640	5050	17E	100	19.4C	8.3	352	2.30	.90	.52	.10	.56	.08	.03	12A	--	196	8	0.8	
							60	24	14	3	15	2	1						
06/06/85	5050	1.25	8.4	66	F	8.3	340	50	11	13	32	2.0	1.2	.0	.9	213	170	0.4	
0945	5050	16E	95	19	C	8.4	367	2.50	.90	.57	.12	.06	.02	14	--	213	4	0.8	
							61	22	14	3	16	1	0						
09/13/85	5050	1.38	8.5	71	F	8.0	375	50	12	14	32	7.0	6.7	.0	.9	219	174	0.3	
0810	5050	26E	101	22	C	8.3	382	2.50	.99	.61	.05	.20	.14	--	--	222	15	0.9	
							60	24	15	1	16	5	3						
W5 1600.70 SALTON SEA AT SALTON SEA ST PK										X2800									
12/13/84	5050		7.8	57	F	8.5	298	--	--	--	9050	15900	--	--	--	39900	7910		EX
1130	5050		118	14	C		41600	--	--	--	168.42448.38			74	--				
03/20/85	5050		11.3	68.0F	9.0	42000	--	--	--	--	8090	15800	--	--	--	35700	7690		E
1200	5050		195	20.0C		42000	--	--	--	--	168.43445.56			1A	--				
06/06/85	5050		17.6	88	F	8.7	47000	--	--	--	8970	15900	--	--	--	36000	7750		E
1130	5050		373	31	C		48000	--	--	--	186.76448.38			2154	--				
09/12/85	5050		4.8		8.9	47000	--	--	--	--	9600	16900	--	--	--	41800	7890		E
0855	5050					45100	--	--	--	--	199.87465.30			1A	--				
W7 1929.00 ALL AMERICAN CA AB PILOT KNOR WY										X2340									
12/12/84	5050		9.5	58	F	7.9	405	--	--	--	255	56	--	--	--	650	305		X
1200	5050		93	14	C		995	--	--	--	5.31	1.58	--	44	--				
03/19/85	5050		9.8	62.0F	7.8	870	--	--	--	--	263	82	--	--	--	673	311		
1425	5050		101	16.7C		1000	--	--	--	--	5.48	2.31	--	--	--				
06/07/85	5050		7.5	76	F	8.1	875	--	--	--	256	75	--	--	--	838	309		E
0940	5050		90	24	C		998	--	--	--	5.33	2.12	--	54	--				
09/11/85	5050		7.5	74	F	7.8	820	--	--	--	246	74	--	--	--	645	297		
1130	5050		88	23	C		974	--	--	--	5.12	2.09	--	64	--				

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G.P. D	DD SAT	TEMP	FIELD LABORATORY PH	MINERAL CONSTITUENTS IN EC	CA	MG	NA	K	MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE	CL	NO3	TJR8	F	7NS SIN	TN NCH	SAR ASAR	REM
W9 1100.00 NEW R NR WESTMORELAND X2340																			
03/20/85	5050	5.61	6.8	65.0F	7.8	4675	--	--	--	--	759	1140	--	--	--	3160	978		
1005	5053		114	14.3C		5090					15.80	32.15		43A	--				
06/06/85	5050	6.59	6.7	84 F	7.7	4600	--	--	--	--	729	1070	--	--	--	3540	935		E
1440	5053		137	29 C		4770					15.19	30.37		86A	--				
09/11/85	5050	5.91	7.6		7.6	4300	--	--	--	--	726	1060	--	--	--	3100	886		
1500	5050					4670					15.12	29.89		93A	--				
W9 1830.00 NEW R A INT BND A CALEYICO X2340																			
12/12/84	5050	11.2R	6.8	67 F	8.0	2400	--	--	--	--	528	1080	--	--	--	2720	736		X
1530	5050		76	39 C		4540					10.99	30.46		5A	--				
03/19/85	5050	10.20	5.4	65.0F	7.4	4500	--	--	--	--	731	1520	--	--	--	3740	1010		X
1100	5050		59	18.3C		5890					15.22	42.86			--				
06/07/85	5050	10.28	2.7	83 F	7.6	4350	--	--	--	--	662	1040	--	--	--	3100	853		
0700	5050		36	28 C		4450					13.78	29.33		13A	--				
09/11/85	5050	10.59	3.3	73 F	7.8	4775	--	--	--	--	636	1230	--	--	--	3220	841		
0933	5050		39	23 C		5020					13.24	34.69		8A	--				
W9 2025.00 ALAMO P N OF THE INT BOUNDARY X2340																			
03/19/85	5050	0.3R	5.7	65.0F	7.8	4800	--	--	--	--	1020	1180	--	--	--	3810	1080		
1255	5050		74	18.3C		5520					21.24	33.28			--				
06/07/85	5050	0.51	4.7	75 F	7.8	3880	--	--	--	--	812	864	--	--	--	2900	870		
0830	5050		57	24 C		4390					16.93	24.36		24A	--				
09/11/85	5050	0.37	6.9	70 F	7.8	4000	--	--	--	--	786	854	--	--	--	2860	826		
1020	5050		80	21 C		4360					16.36	24.08		31A	--				
W9 2100.00 ALAMO P NR NILAND X2340																			
12/13/84	5050	4.85	9.7	58 F	8.0	2400	--	--	--	--	1270	1040	--	--	--	3870	1290		X
0930	5050		134	14 C		5590					26.44	29.33		82A	--				
03/20/85	5050	4.19	8.5	63.0F	7.7	3680	--	--	--	--	889	623	--	--	--	2730	926		E
1050	5053		139	17.2C		3730					18.51	17.57		171A	--				
06/06/85	5050	4.18	7.7	80 F	7.9	3550	--	--	--	--	766	572	--	--	--	2870	844		E
1325	5050		151	27 C		3630					15.95	16.13		72A	--				
09/11/85	5050	3.93	8.2	75 F	7.6	3650	--	--	--	--	961	569	--	--	--	2890	990		E
1630	5053		153	24 C		3920					20.01	18.87		77A	--				
X2 1330.00 SANTA MARGARITA R NR FALLBROOK 20281																			
12/11/84	5050	157E	8.8	60 F	7.7	420	79	35	90	6.9	159	332	30.0	.1	.4	692	341	2.1	X
1315	5050		89	16 C	8.2	1070	3.94	2.88	3.92	.18	3.31	3.72	.48	95A	--	637	166	4.7	
							36	26	36	2	30	34	4						
03/18/85	5050	15E	8.9	59 F	8.0	1150	96	43	104	7.5	202	164	72.0	.1	.5	833	416	2.2	
1115	5050		89	15 C	7.6	1280	4.79	3.54	4.52	.24	4.21	4.62	1.16	.4	--	781	267	4.9	
							37	27	35	2	32	36	9						
06/04/85	5050	3E	9.0	70 F	8.2	1100	96	43	105	12	196	166	33.0	.1	.5	862	416	2.2	
1300	5050		101	21 C	8.3	1250	4.79	3.54	4.57	.31	4.08	4.68	.53	1A	--	764	229	5.2	
							36	27	35	2	31	36	4						
09/10/85	5050	5E	9.2	66 F	7.8	980	83	36	111	5.6	192	145	57.5	.1	.4	830	355	2.6	
0930	5050		99	19 C	8.3	1220	4.14	2.96	4.83	.37	4.00	4.09	.93	--	--	727	196	5.6	
							34	24	40	1	33	34	8						
X4 1200.00 SAN DIEGUITO R & MONTE LK 204F1																			
02/19/85	5050	103J	11.0	0 F	7.8	720	54	36	105	3.8	130	150	1.6	.1	.4	617	283	2.7	X
	0003	5.0	34	18 C	8.2	1040	2.69	2.96	4.57	.10	2.71	4.23	.03	5A	--	580	117	5.7	
							26	29	44	1	26	43	0						
X4 3430.05 ESCONDIDO C NEAR HARMONY GROVE 204F2																			
12/11/84	5050	125E	9.3	57 F	7.4	190	--	--	--	--	51	35	--	--	--	221	93		X
1115	5050		91	14 C		357					1.06	.99		239A	--				
03/18/85	5050	7F	12.3	69.0F	8.5	1780	--	--	--	--	291	311	--	--	--	1240	334		
1315	5050		138	20.5C		1950					4.06	8.77			--				
06/04/85	5050	4E	10.0	66 F	8.3	1750	--	--	--	--	279	294	--	--	--	1180	543		
1400	5050		109	19 C		1940					5.62	8.29		3A	--				
09/10/85	5350	5E	9.4	66 F	7.8	1300	--	--	--	--	259	275	--	--	--	1210	521		X
1045	5050		102	19 C		1830					5.39	7.76		4A	--				

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G.W. D	NO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER					REMARKS	
						CA	MG	NA	K	CACO3	SO4	CL	NO3	VALUE	TJR8	SIO2	TD5 SUM	TH NCH	SAR ASAR		
Y5		1230.30	SAN DIEGO R A OLD MISSION DM										70742								
12/11/84 0900	5050 5050	400E	8.4 82	17 14	F C	7.5 290 500	--	--	--	--	--	86 1.79	84 2.37	--	--	272A	--	249	192		X
03/18/85 1430	5050 5050	7E	11.1 116	63.0F 17.2C	8.0 1800 1950	--	--	--	--	--	317 6.60	352 9.93	--	--	--	--	1200	334			
06/04/85 1605	5050 5050	10E	9.0 108	76 24	F C	8.0 2300 2440	--	--	--	--	--	382 7.54	470 13.91	--	--	44	--	1500	649		
09/10/85 1200	5050 5050	3E	7.3 83	71 22	F C	7.8 1900 2930	--	--	--	--	--	403 8.39	618 17.43	--	--	4A	--	1940	799		X
Y6		1450.00	SWEETWATER R A LOWEL OM NR ALPINE										709R1								
02/19/85 1430	5050 0000		11.9 127	62.0F 16.7C	8.0 400 504	38 1.90 37	16 1.32 26	43 1.87 36	2.6 .07 1	140 2.80 55	36 .75 15	56 1.58 31	.2 .00 0	.1 3A	.3 --	280 276	161 21	1.5 2.7		X	
Y7		1330.00	OTAY R A SAVAGE OM										71080								
10/31/84 0000	5050 0000		5.8 69	75 24	F C	7.4 8.1	300 575	34 1.70 30	16 1.32 23	60 2.61 46	3.9 .10 2	138 2.76 48	39 .81 14	74 2.09 37	2.6 .04 1	.1 14	.4 --	379 312	151 13	2.1 3.8	X
10/31/84 0930	5050 5050		5.8 69	75 24	F C	7.4 8.1	300 575	34 1.70 30	16 1.32 23	60 2.61 46	3.9 .10 2	138 2.76 48	39 .81 14	74 2.09 37	2.6 .04 1	.1 14	.4 --	379 312	151 13	2.1 3.8	X
02/20/85 1030	5050 0000		12.5 125	59.0F 15.0C	8.0 470 592	35 1.75 30	17 1.40 24	60 2.61 45	3.6 .09 2	141 2.82 49	39 .81 14	76 2.14 37	1.6 .03 1	.1 14	.3 --	347 317	158 17	2.1 3.8		X	
Y8		1200.20	TIA JUAN R A INT BOUNDARY										711A1								
10/31/84 0900	5050 0000	1E	3.1 35	70 21	F C	7.6 7.8	1350 2580	119 5.94 22	52 4.28 16	385 16.75 61	12 .33 1	488 9.75 36	182 3.79 14	455 12.83 47	46.2 .73 3	.6 34	.9 --	1500 1945	510 24	7.4 20.2	Y
02/20/85 1215	5050 0000	3E	6.6 68	62.0F 16.7C	7.8 830 1360	68 3.39 25	33 2.71 20	172 7.48 54	7.4 .24 2	254 5.07 37	89 1.85 14	236 6.66 49	5.0 .08 1	.3 4A	.4 --	781 765	305 52	4.3 9.8		Y	
Y1		1550.00	SANITA ANA R BL PRADO OM										Y0143								
10/25/84 1530	5050 5050	2.70 160	8.6 93	66 14	F C	7.7 8.0	450 1150	106 5.29 43	25 2.06 17	105 4.57 37	10 .28 2	235 4.70 39	165 3.44 29	118 3.33 28	37.0 .80 5	.4 154	.8 --	726 709	568 133	2.4 5.6	Y
11/08/84 1700	5050 5050		7.8 82	63 17	F C	7.7 7.6	380 955	84 4.19 43	20 1.64 17	81 3.52 36	15 .35 4	170 3.40 35	140 2.91 30	92 2.59 27	44.0 .71 7	.3 814	.7 --	613 578	292 122	2.1 4.4	X
12/16/84 1400	5050 5050	3.62 416	9.7 87	50 10	F C	7.8 7.9	358 871	79 3.94 43	19 1.56 17	76 3.31 37	9.6 .25 3	176 3.52 40	131 2.73 31	78 2.20 25	27.0 .44 5	.3 74	.6 --	560 525	275 99	2.0 4.2	Y
01/10/85 0900	5050 5050	3.41 310E	9.4 91	56 13	F C	7.4 7.6	365 960	90 4.49 45	20 1.64 16	80 3.48 35	13 .33 3	198 3.96 41	135 2.81 29	87 2.45 25	34.0 .55 6	.3 134	.6 --	636 578	306 109	2.0 4.4	Y
02/14/85 0830	5050 5050	3.68 511	11.2 114	60 16	F C	7.7 7.9	650 899	87 4.34 47	20 1.64 18	70 3.05 33	10 .26 3	186 3.72 41	129 2.69 30	81 2.28 25	24.0 .39 4	.3 34	.6 --	597 533	299 113	1.8 3.0	Y
03/25/85 0930	5050 5050	3.38 272	9.8 97	58.0F 14.4C	7.8 7.6	915 1030	103 5.14 47	23 1.89 17	87 3.78 34	9.3 .24 2	214 4.28 39	159 3.31 30	99 2.79 25	38.0 .61 6	.3 34	.7 --	640 647	352 138	2.0 4.6		
04/19/85 1000	5050 5050	2.99 241	8.7 91	63 17	F C	7.8 7.8	950 1110	104 5.19 44	25 2.06 38	96 4.18 36	12 .31 3	226 4.52 39	160 3.33 28	109 3.07 26	50.0 .81 7	.5 174	.8 --	735 692	362 137	2.2 5.1	
05/13/85 0830	5050 5050	2.94 226	9.0 93	62 17	F C	7.5 7.8	950 1070	101 5.04 45	23 1.89 17	94 4.09 36	10 .26 2	214 4.28 39	155 3.23 29	104 2.93 27	36.0 .61 5	.3 154	.7 --	726 654	346 133	2.2 5.0	
06/13/85 0825	5050 5050	2.76 274	7.8 87	68 20	F C	8.0 8.1	940 1090	101 5.04 44	24 1.97 17	99 4.31 37	7.0 .23 2	221 4.42 39	164 3.41 30	108 3.05 27	30.0 .48 4	.4 244	.7 --	918 668	350 130	2.3 5.3	E T
07/24/85 0805	5050 5050	2.68 143	8.5 100	74 23	F C	7.0 7.9	940 1090	98 4.89 43	24 1.97 17	100 4.35 38	5.8 .23 2	210 4.20 38	150 3.33 30	111 3.13 28	32.0 .52 5	.4 244	.7 --	714 660	343 133	2.3 5.4	
08/15/85 0800	5050 5050	2.51 129	7.8 85	66 14	F C	7.3 7.9	775 1060	65 3.24 28	44 3.62 32	100 4.35 38	9.3 .29 2	210 4.20 38	159 3.31 30	111 3.13 28	35.0 .56 5	.2 234	.7 --	713 649	343 133	2.3 5.4	Y
09/17/85 0915	5050 5050	2.70 148	8.6 94	67 19	F C	7.3 7.8	950 1070	96 4.79 43	22 1.81 16	96 4.18 37	15 .38 3	208 4.16 38	150 3.12 29	108 3.05 28	37.0 .60 5	.3 424	.7 --	651 649	330 122	2.3 5.2	
Y2		1210.05	CHINO C NR CHINO										Y0143								
10/08/84 1600	5050 5050	10E	5.6 62	69 20	F C	7.0 7.3	270 559	--	--	--	--	--	83 1.73	47 1.33	--	--	--	392	150		EX
01/10/85 0815	5050 5050	5E	7.7 80	62 17	F C	7.3 7.3	340 931	--	--	--	--	--	136 2.83	86 2.43	--	--	--	594	251		Y
04/19/85 1025	5050 5050	10E	7.0 78	64 23	F C	7.2 7.2	880 1010	--	--	--	--	--	170 3.54	106 2.99	--	--	--	706	250		

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. D	NO SAT	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS				
							CA	MG	NA	K	PERCENT CACO3	PERCENT REACTANCE	504 CL	NO3 TURB	8 1102	F 1102	TDS SUM	7M NCM		SAR ASAR			
Y2 1210.03 CHIND C NR CHIND																				Y0143 CONTINUED			
07/24/85 0715	5050 5050		7.0 85	76 24	F C	7.0 900 993	--	--	--	--	--	152 3.16	116 3.27	--	--	34	--	694	227				
Y5 1100.00 SANTA ANA R & E ST 40 NR SAN BERN																				Y01E2			
10/26/84 0800	5053 5053		7.9 94	73 23	F C	7.3 1050	102 5.09 47	23 1.89 17	82 3.57 33	11 .29 3	132 2.64 29	218 4.54 42	80 2.26 21	77.5 1.25 12	.4 24	1.2 --	686 673	349 217	1.9 4.0	X			
11/09/84 0930	5050 5050		8.1 99	75 24	F C	7.2 998	92 4.59 47	19 1.56 16	76 3.31 34	13 .35 4	139 2.78 29	189 3.85 40	72 2.03 21	63.2 1.02 11	.4 24	1.4 --	633 603	308 169	1.9 3.9	Y			
12/16/84 0900	5050 5050		7.5 83	66 19	F C	7.5 1140	108 5.39 47	27 2.22 19	81 3.52 31	12 .31 3	190 3.00 26	265 5.52 48	65 1.83 16	71.0 1.15 10	.4 54	1.0 --	826 720	380 231	1.8 3.9	EX			
01/10/85 1445	5050 5050		9.0 101	67 19	F C	7.4 953	94 4.69 51	19 1.96 17	63 2.74 30	5.4 .21 2	197 3.94 42	187 3.89 41	51 1.44 15	11.0 .18 2	.3 44	.6 --	582 552	312 116	1.6 3.5	X			
02/14/85 1115	5053 5050		9.0 102	64 20	F C	7.3 890	92 4.59 51	19 1.56 17	62 2.70 30	5.0 .23 3	156 3.12 39	183 3.81 42	52 1.47 16	39.7 .64 7	.3 24	1.0 --	618 551	308 122	1.5 3.3	X			
03/25/85 1150	5050 5053		9.8 101	69.0F 20.5C	7.7 866	810 7.7	93 4.64 50	18 1.88 16	65 2.83 31	10 .26 3	184 3.68 39	193 4.02 43	52 1.47 16	9.0 .15 2	.3 14	.7 --	553 551	306 122	1.6 3.3				
04/18/85 1530	5050 5050		9.1 95	71 22	F C	7.3 939	94 4.69 49	20 1.64 17	66 2.87 30	11 .29 3	126 2.52 27	200 4.16 44	60 1.69 18	63.2 1.02 11	.3 14	1.4 --	624 590	316 191	1.6 3.3				
05/13/85 1100	5050 5050		7.4 90	75 24	F C	7.7 966	87 4.34 47	18 1.88 16	72 3.13 34	12 .31 3	220 4.40 45	180 3.75 38	55 1.55 16	7.0 .11 1	.3 24	.8 --	653 563	291 71	1.8 4.1	S			
05/11/85 1045	5053 5050		9.2 104	79 26	F C	7.5 993	84 4.19 41	24 1.97 19	86 3.74 36	14 .36 4	185 3.70 36	176 3.66 36	68 1.92 19	60.1 .97 9	.4 54	1.2 --	661 623	308 123	2.1 4.7				
07/24/85 1205	5050 5050		9.5 126	84 29	F C	7.3 987	83 4.14 42	23 1.89 19	81 3.52 36	12 .32 3	182 3.64 37	175 3.64 37	67 1.89 19	44.0 .71 7	.4 14	1.0 --	636 595	302 120	2.0 4.4				
08/15/85 1030	5050 5053		7.6 100	83 28	F C	7.2 892	74 3.69 39	22 1.81 19	81 3.52 38	13 .33 4	140 2.80 31	164 3.41 37	71 2.00 22	59.0 .95 10	.3 24	1.0 --	612 568	275 135	2.1 4.3				
09/17/85 1145	5050 5053		9.4 112	84 29	F C	7.3 960	80 3.99 42	18 1.88 16	86 3.74 39	13 .33 3	160 3.20 34	165 3.44 37	72 2.03 22	44.0 .71 8	.4 24	.9 --	609 574	274 114	2.3 4.7				
Y3 1978.00 SANTA ANA R NO 3 TR NR MENTONE																				Y01E7			
10/26/84 0700	5050 5050		8.2 76	49 9	F C	8.4 246	--	--	--	--	--	12 .25	6.0 .17	--	--	--	165	94		X			
11/09/84 0745	5050 5050		10.5 96	48 9	F C	7.9 249	--	--	--	--	--	13 .27	6.0 .17	--	--	--	142	93		X			
12/10/84 1330	5050 5050		11.0 102	49 9	F C	7.8 236	--	--	--	--	--	13 .27	5.0 .14	--	--	--	134	92		X			
01/10/85 1600	5053 5050		12.5 118	50 10	F C	7.7 250	--	--	--	--	--	19 .40	6.0 .17	--	--	--	177	91		EX			
02/14/85 1240	5050 5053		11.2 108	52.0F 11.1C	7.8 230	--	--	--	--	--	--	12 .25	6.0 .17	--	--	--	145	88					
03/25/85 1320	5053 5053		11.2 106	50.0F 10.0C	7.4 222	--	--	--	--	--	--	20 .42	5.0 .14	--	--	--	171	85		E			
04/18/85 1420	5050 5050		10.2 96	50 10	F C	8.4 215	--	--	--	--	--	28 .58	5.0 .14	--	--	--	145	83					
05/13/85 1300	5050 5053		10.4 104	55 13	F C	8.0 229	--	--	--	--	--	29 .60	4.0 .11	--	--	--	194	87		E			
06/11/85 1130	5053 5050		9.2 102	63 17	F C	8.2 245	--	--	--	--	--	4.0 .08	6.0 .17	--	--	--	175	93		E			
07/18/85 1215	5053 5050		9.0 102	65 18	F C	7.9 242	--	--	--	--	--	13 .27	5.0 .14	--	--	--	162	89					
08/15/85 1120	5050 5050		9.2 102	63 17	F C	7.8 248	--	--	--	--	--	13 .27	6.0 .17	--	--	--	185	92		EX			
09/17/85 1230	5053 5050		9.4 99	59 15	F C	7.5 247	--	--	--	--	--	15 .31	4.0 .23	--	--	--	194	91		E			

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.P. Q	DO SAT	TEMP	FIFLO LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				SAR ASAP	REM
						CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS SUM	TH NCH		
Y6 1225.00 SANTA ANA R A HAMMER AV NR CORONA Y01A5																			
11/09/84 1200	5050 5050		6.4 68	64 18	F C	7.4 430 1200	--	--	--	--	--	160 3.33	133 3.75	--	-- 1A	--	758	389	X
01/10/85 1100	5050 5050	205E	7.6 75	58 14	F C	7.4 400 1100	--	--	--	--	--	135 3.25	116 3.27	--	-- 3A	--	677	364	X
04/19/85 0915	5050 5050	45E	7.8 82	63 17	F C	7.8 1000 1160	--	--	--	--	--	168 3.90	126 3.55	--	-- 1A	--	762	387	
07/24/85 1000	5050 5050	60E	7.8 92	74 23	F C	7.3 800 956	--	--	--	--	--	148 3.08	89 2.91	--	-- 3A	--	656	306	
Y6 1410.00 SANTA ANA R A MWO KING NR ARLIN Y01A6																			
10/23/84 1700	5050 5050	70E	8.0 88	67 19	F C	7.9 420 1070	--	--	--	--	--	138 3.29	82 2.31	--	-- 13A	--	703	376	X
11/09/84 1100	5050 5050	60E	8.2 90	66 19	F C	8.0 390 1020	--	--	--	--	--	149 3.10	79 2.23	--	-- 1A	--	665	364	X
12/16/84 1100	5050 5050	80E	8.2 82	58 14	F C	8.0 380 952	--	--	--	--	--	167 3.48	64 1.80	--	-- 14A	--	624	176	X
01/10/85 1220	5050 5050	120E	8.1 86	63 17	F C	7.3 365 894	--	--	--	--	--	163 3.39	96 1.58	--	-- 27A	--	596	332	X
02/14/85 1000	5050 5050	70E	12.0 124	61 16	F C	7.7 630 929	--	--	--	--	--	168 3.50	64 1.80	--	--	--	612	346	Y
03/23/85 1045	5050 5050	45E	7.5 82	66.0F 18.9C	7.8	870 1010	--	--	--	--	--	150 3.12	74 2.09	--	-- 1A	--	703	364	
04/19/85 0830	5050 5050	40E	7.8 82	63 17	F C	7.7 850 1020	--	--	--	--	--	168 3.50	79 2.23	--	-- 4A	--	717	374	E
05/13/85 1000	5050 5050	25E	7.4 84	69 21	F C	8.0 930 1060	--	--	--	--	--	167 3.48	82 2.31	--	-- 2A	--	648	380	
06/11/85 0940	5050 5050	110E	6.4 78	76 24	F C	8.0 900 1090	--	--	--	--	--	163 3.39	84 2.37	--	-- 2A	--	688	375	
07/24/85 1100	5050 5050	90E	9.4 113	75 24	F C	7.2 900 1020	--	--	--	--	--	156 3.25	83 2.34	--	-- 4A	--	684	367	
08/15/85 0930	5050 5050	45E	6.6 78	73 23	F C	7.8 750 1000	--	--	--	--	--	153 3.19	84 2.37	--	-- 1A	--	674	357	X
09/17/85 1045	5050 5050	45E	5.8 68	72 22	F C	7.4 850 1010	--	--	--	--	--	148 3.08	86 2.43	--	-- 1A	--	652	353	
Y7 1145.00 SAN TIMOTEO C MT AV NR SAN BENITO Y01E2																			
11/09/84 0845	5050 5050	2E	10.1 99	56 13	F C	7.9 210 429	--	--	--	--	--	37 .77	22 .62	--	-- 1A	--	259	140	X
01/10/85 1400	5050 5050	2.0	5.7 58	59 15	F C	7.3 350 671	--	--	--	--	--	67 1.39	32 .90	--	-- 2A	--	398	211	Y
04/18/85 1900	5050 5050	1E	10.1 104	60 16	F C	8.5 465 524	--	--	--	--	--	46 .96	31 .87	--	-- 1A	--	324	122	
07/18/85 1300	5050 5050	5E	8.5 114	85 29	F C	8.3 480 577	--	--	--	--	--	67 1.39	38 1.07	--	-- 2A	--	355	193	
Y8 2230.00 ELSINORE LK A ELSINORE Y02C1																			
12/11/84 1500	5050 5050	49.98	12.8 136	62 17	F C	9.1 880 1380	--	--	--	--	--	104 2.17	225 6.34	--	-- 1A	--	775	125	Y
03/18/85 0940	5050 5050		10.7 111	60.0F 15.5C	9.0	1200 1340	--	--	--	--	--	110 2.29	232 6.54	--	--	--	810	125	
06/04/85 0905	5050 5050	24.9	7.5 87	70 21	F C	9.0 1110 1440	--	--	--	--	--	110 2.29	247 6.97	--	-- 8A	--	891	126	
09/09/85 0900	5050 5050	1247	2.2 112	74 23	F C	9.3 1400 1560	--	--	--	--	--	119 2.45	279 7.87	--	-- 5A	--	938	126	

MINERAL ANALYSES OF SURFACE WATER

55

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAR	G.P.O. O	QO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN						MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER R F TDS TH SAR REM						
						CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SI02	TDS SUM	TH NCN	SAR ASAR	REM			
72 3240.00 PIRU C BL SANTA FELICIA OM U0301																						
11/16/84 1200	5050 5050	25E	10.4 112	64 18	F C	8.0 8.3	390 922	105 8.28 46	39 3.21 28	62 2.70 24	4.6 .12 1	178 3.56 32	325 6.77 61	27 .76 7	.2 .00 0	.6 .04 0	.9 --	711 670	422 245	1.3 3.0	EX C	
01/16/85 1245	5050 5050	10E	11.2 106	53 12	F C	7.8 8.0	1200 1970	166 35	86 30	180 33	7.8 .20 1	224 4.48 19	825 17.18 74	58 1.64 7	.3 .03 0	1.0 2A	1.3 --	1610 1458	768 544	2.8 7.3	EY	
04/17/85 1010	5050 5050	1.47 47	11.5 115	58 14	F C	8.5 8.4	750 940	98 4.89 47	40 3.29 32	47 2.04 20	4.5 .12 1	158 3.16 31	308 6.41 62	27 .76 7	.3 .03 0	.6 2A	.9 --	674 620	409 251	1.0 2.3	EX	
07/17/85 0900	5050 5050	1.57 7.5	11.9 121	60 16	F C	8.2 8.3	780 944	101 5.04 47	38 3.13 29	56 2.44 23	4.7 .12 1	145 3.30 31	315 6.56 62	27 .76 7	.7 .01 0	.5 2A	.8 --	696 642	408 244	1.2 2.7	E	
72 3760.00 PIRU C RELEASE FROM PYRAMID OM U0302																						
10/18/84 0830	5050 5064			65.7F 18.7C	8.3 8.0	325 437	36 1.80 41	14 1.15 26	32 1.39 32	2.7 .07 2	90 1.80 41	91 1.89 43	24 .68 15	1.3 .02 0	.4 1A	.4 --		253 259	148 58	1.1 1.9	X	
11/13/84 1015	5050 5064			9.9 108	61.0F 16.1C	8.2 8.2	430 452	36 1.80 40	14 1.15 25	34 1.48 33	3.3 .08 2	90 1.80 40	91 1.89 42	26 .73 16	1.9 .03 1	.4 2A	.4 12.3	270 273	148 58	1.2 2.0		
12/28/84 1350	5050 5064			11.0 107	51.6F 10.9C	7.9 7.7	381 396	30 1.50 39	11 .90 23	32 1.39 36	3.1 .08 2	84 1.68 43	88 1.37 35	28 .79 20	2.7 .04 1	.3 1A	.3 --	260 223	120 56	1.3 1.9		
01/17/85 1100	5050 5064			11.2 106	49.6F 9.8C	8.6 8.2	400 384	29 1.45 39	10 .82 22	32 1.39 37	2.6 .07 2	79 1.58 43	61 1.27 35	28 .79 21	2.4 .04 1	.3 2A	.2 --	240 213	114 35	1.3 1.9		
02/21/85 1100	5050 5064			10.9 103	49.3F 9.6C	8.0 8.0	400 406	28 1.40 36	11 .90 23	33 1.32 39	3.2 .08 2	78 1.56 40	62 1.29 33	34 .96 25	4.1 .07 2	.3 2A	.2 --	220 224	115 37	1.4 2.1		
03/21/85 1115	5050 5064			11.3 107	49.5F 9.7C	8.0 7.4	395 404	24 1.20 31	13 1.07 28	33 1.32 39	2.7 .07 2	78 1.56 40	63 1.31 34	34 .96 25	1.7 .03 1	.3 1A	.2 --	242 220	114 36	1.4 2.1		
04/16/85 1130	5050 5064			10.4 100	50.5F 10.3C	7.6 7.8	450 423	27 1.35 33	12 .99 24	38 1.63 41	1.0 .08 2	77 1.54 38	63 1.31 33	39 1.10 27	3.9 .06 1	.3 1A	.2 --	243 232	117 40	1.5 2.2		
05/16/85 1100	5050 5064			9.9 99	54.0F 12.2C	7.8 8.0	400 416	27 1.35 33	12 .99 24	39 1.70 41	2.6 .07 2	78 1.56 39	59 1.21 30	43 1.21 30	4.1 .07 2	.4 2A	.2 --	264 233	117 39	1.6 2.3		
06/19/85 0705	5050 5064			9.0 100	63.0F 17.2C	7.8 8.1	430 422	26 1.30 31	12 .99 24	41 1.78 43	3.1 .08 2	82 1.64 40	58 1.21 29	43 1.21 29	5.4 .09 2	.3 1A	.2 --	293 238	114 33	1.7 2.5		
07/19/85 1430	5050 5064			8.9 102	65.1F 18.4C	7.7 7.9	430 419	26 1.30 32	12 .99 24	39 1.70 42	2.7 .07 2	79 1.59 39	57 1.19 29	43 1.21 30	4.4 .07 2	.3 2A	.2 --	270 232	114 36	1.6 2.3		
08/22/85 1430	5050 5064			8.8 102	66.6F 19.2C	7.6 8.1	440 423	26 1.30 32	12 .99 24	40 1.74 43	1.4 .04 1	80 1.60 39	58 1.21 29	45 1.27 31	4.0 .06 1	.2 --	.2 --	282 235	114 35	1.6 2.4		
73 1135.00 SANTA CLARA R LA-VENTURA COU LI U03E1																						
11/16/84 1300	5050 5050			9.1 98	64 18	F C	8.0 8.3	830 1370	--	--	--	--	340 7.08	79 2.23	--	--	--	954 214	484 --		Y	
01/16/85 1320	5050 5050			9.8 98	58 14	F C	7.8 8.0	1850 3330	--	--	--	--	1370 28.52	182 5.13	--	--	--	2805 34	1160 --		EY	
04/17/85 1030	5050 5050			11.5 133	71 22	F C	8.0 8.3	1220 1360	--	--	--	--	363 7.56	82 2.31	--	--	--	1010 54	489 --		E	
07/17/85 1030	5050 5053			8.3 109	84 29	F C	8.1 8.3	620 1330	--	--	--	--	340 7.08	79 2.23	--	--	--	943 44	480 --		EX	
76 9780.00 RIN MONON RL WHITTIER NARROWS OM U0545																						
11/30/84 1245	5050 5050			1.44 155	10.6 109	62 17	F C	7.8 8.0	400 1010	--	--	--	--	252 5.25	77 2.17	--	--	--	668 54	333 --		Y
12/17/84 0900	5050 5050			2.30 928	9.6 89	53 12	F C	7.7 8.0	108 169	--	--	--	--	26 .54	11 .31	--	--	--	83 514	46 --		X
01/11/85 1015	5050 5050			1.20 14E	13.3 132	59 15	F C	8.0 8.3	370 1080	--	--	--	--	242 5.04	75 2.12	--	--	--	739 54	408 --		X
02/15/85 1100	5050 5050			1.47 184	10.8 110	61 16	F C	8.0 8.3	620 948	--	--	--	--	227 4.73	71 2.00	--	--	--	651 --	312 --		Y
03/26/85 1000	5050 5050			1.54 340	13.8 142	62.0F 16.7C	7.7 8.0	450 561	--	--	--	--	87 1.81	50 1.41	--	--	--	375 24	158 --			
04/19/85 1330	5050 5050			1.60 275	11.1 118	65 18	F C	7.9 8.3	450 543	--	--	--	--	85 1.77	49 1.38	--	--	--	369 34	158 --		
05/14/85 1350	5050 5050			1.41 242	12.5 146	74 23	F C	8.8 8.3	500 613	--	--	--	--	88 1.83	58 1.64	--	--	--	365 44	176 --		

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.M. Q	ON SAT	TEMP	FIELD LABORATORY PM FC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				TDS MCM	TH MCM	SAR ASAR	REM
						Ca	Mg	Na	K	CaCO3	SO4	Cl	NO3	TURB	SiO2	F	TOC					
76 9730.00 910 HHHOO RL WHITTIER HARROWS DM U0545 CONTINUED																						
06/12/85 1015	5050 5050	1.52 214	9.5 116	78 26	F C	7.9 896	400 896	--	--	--	--	37 .77	56 1.58	--	--	--	383	162				
07/25/85 0940	5050 5050	1.19 43	14.0 181	84 29	F C	8.7 849	780 849	--	--	--	--	131 2.73	74 2.09	--	--	--	565	223				
08/16/85 0950	5050 5050	1.05 6.8	15.5 198	83 28	F C	9.0 913	820 913	--	--	--	--	232 4.83	84 2.37	--	--	--	615	237				
09/18/85 1035	5050 5050	1.23 58	11.5 132	72 22	F C	8.0 951	875 951	--	--	--	--	151 3.14	86 2.43	--	--	--	576	228				
77 1100.90 54N GARRIEL R A WHITTIER HARROWS U0545																						
10/25/84 1300	5050 5050	10.3 20E	74 121	74 23	F C	7.9 1340	790 1340	--	--	--	--	289 6.02	123 3.47	--	--	--	892	462		X		
12/17/84 1245	5050 5050	9.4 300E	53 87	53 12	F C	7.7 190	110 190	--	--	--	--	35 .73	9.0 .25	--	--	--	152	64		EX		
01/11/85 1100	5050 5050	7.3 3E	64 77	64 19	F C	7.3 956	380 956	--	--	--	--	196 4.08	72 2.03	--	--	--	626	343		X		
02/15/85 1130	5050 5050	12.0 27F	62.0F 124	7.8 16.7C	7.8 953	620 953	--	--	--	--	--	232 4.83	74 2.09	--	--	--	652	326		X		
03/26/85 1040	5050 5050	17.6 2E	70.0F 198	7.8 21.1C	7.8 953	800 953	--	--	--	--	--	206 4.29	71 2.00	--	--	--	690	332				
04/19/85 1210	5050 5050	10.4 2E	68 114	68 20	F C	7.9 841	710 841	--	--	--	--	157 3.27	68 1.92	--	--	--	552	292				
05/14/85 1415	5050 5050	17.8 5E	0 59	0 18	F C	9.5 704	600 704	--	--	--	--	129 2.69	62 1.75	--	--	--	434	224				
06/12/85 0910	5050 5050	8.4 4E	78 103	78 26	F C	7.9 833	720 833	--	--	--	--	71 1.48	70 1.97	--	--	--	515	288				
07/25/85 0830	5050 5050	16.2 4E	75 192	75 24	F C	9.0 1160	1000 1160	--	--	--	--	281 5.85	124 3.50	--	--	--	779	349				
08/16/85 0810	5050 5050	15.6 1E	69 174	69 21	F C	9.2 1180	1000 1180	--	--	--	--	297 6.18	135 3.81	--	--	--	820	339				
09/18/85 0920	5050 5050	18.4 15E	72 211	72 22	F C	9.5 1200	1800 1200	--	--	--	--	273 5.68	127 3.58	--	--	--	656	372		X		
77 1927.10 54N GARRIEL R A 47USA PM U0503																						
10/26/84 0930	5050 5050	10.6 20F	55 102	55 13	F C	8.0 8.2	200 394	48 2.40	11 .90	10 .44	3.4 .09	165 3.30	19 .40	5.0 .14	.9 .01	.1 .04	188 196	163 0	0.3 0.7		X	
11/09/84 1330	5050 5050	10.6 15F	55 102	55 13	F C	8.0 8.4	200 348	46 2.30	12 .99	10 .44	3.2 .08	162 3.24	19 .40	5.0 .14	1.3 .02	.4 .04	230 194	164 3	0.3 0.7		X	
12/15/84 1530	5050 5050	10.7 17E	54 102	54 12	F C	7.9 8.4	200 360	44 2.20	13 1.07	13 .57	6.0 .10	160 3.20	26 .54	6.0 .17	.9 .01	.1 .04	238 201	164 4	0.4 0.9		X	
01/11/85 0550	5050 5050	11.0 30F	49 98	49 9	F C	7.4 8.1	160 343	44 2.20	10 .82	10 .44	2.9 .07	143 2.86	23 .48	4.0 .11	2.7 .04	.1 .04	205 182	151 8	0.4 0.7		X	
02/19/85 0830	5050 5050	11.5 40E	50.0F 104	7.9 10.0C	7.9 8.3	200 346	46 2.30	12 .99	10 .44	3.0 .08	154 3.08	24 .50	4.0 .11	1.6 .03	.1 .04	.4 .04	216 193	164 11	0.3 0.6		X	
03/26/85 0740	5050 5050	10.5 20E	54.0F 100	8.0 12.2C	8.0 8.2	325 345	47 2.35	11 .90	10 .44	3.0 .08	194 3.08	23 .48	4.0 .11	1.1 .02	.1 .04	.3 .04	159 191	162 9	0.3 0.6		T	
04/19/85 1110	5050 5050	9.5 75E	62 100	62 17	F C	8.0 8.1	310 329	46 2.30	10 .82	10 .44	2.9 .07	150 3.00	19 .40	3.0 .08	1.9 .03	.0 .04	200 181	156 6	0.3 0.9			
05/14/85 1230	5050 5050	9.3 6	68 104	68 20	F C	7.8 7.9	360 426	61 3.04	12 .99	10 .44	4.7 .12	208 4.16	19 .31	4.0 .11	4.0 .06	.1 .04	.4 .04	311 236	202 0	0.3 0.6		E
06/12/85 0800	5050 5050	9.5 25E	58 95	58 14	F C	8.4 8.2	370 363	48 2.40	12 .99	12 .52	3.6 .09	164 3.28	25 .13	4.0 .11	2.1 .03	.4 .04	.4 .04	252 205	170 6	0.4 0.8		
07/25/85 0720	5050 5050	9.2 30E	73 105	73 21	F C	8.0 8.7	340 374	48 2.40	14 1.15	11 .48	4.4 .11	168 3.36	26 .54	4.0 .11	1.1 .02	.1 .04	.4 .04	290 209	178 10	0.4 0.7		E
08/16/85 0700	5050 5050	9.4 30E	64 90	64 18	F C	7.7 8.2	397 1.60	32 1.81	22 .48	11 .10	3.9 .10	164 3.28	23 .48	4.0 .11	1.4 .02	.0 .04	.4 .04	138 196	170 7	0.4 0.7		T

TABLE C-1 (CONTINUED)  
MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER L&#173;	G.M. D	DO SAT	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER					REMARKS	
						CA	MG	NA	K		PERCENT CACO3	SO4	CL	NO3	TURB	5102	TDS SUM	TN MCM	SAR ASAR		
27 1927.10 SAN GABRIEL R A AZUSA PH U0503 CONTINUED																					
09/18/85 0805	5050 5050		9.1 99	65 18	F C	7.8 6.2	195 371	48 2.40 60	12 .99 25	12 .52 13	4.5 .12 3	162 3.24 82	28 .58 15	4.0 .11 3	.0 .00 0	.1 44	.5 --	204 206	170 170	0.4 0.8	R
27 5100.00 RIO HONDO NB MONTERELLO U0501																					
10/25/84 1345	5050 5050		7.2 81	70 21	F C	7.4	430 1090	--	--	--	--	--	225 4.68	71 2.00	--	-- 14	-- --	738	428		Y
11/30/84 1145	5050 5050		3.5 35	60 16	F C	7.5	390 996	--	--	--	--	--	220 4.58	48 1.35	--	-- 24	-- --	654	430		Y
12/17/84 1015	5050 5050		9.4 87	53 12	F C	7.5	77 113	--	--	--	--	--	13 .27	4.0 .11	--	-- 174	-- --	54	37		Y
01/11/85 1200	5050 5050		10.0 99	50 15	F C	7.4	440 1130	--	--	--	--	--	309 6.43	45 1.27	--	-- 14	-- --	805	541		EX
02/15/85 1000	5050 5050		4.6 48	63.0F 17.2C	7.5	630 981	--	--	--	--	--	--	222 4.62	49 1.38	--	-- --	-- --	685	426		Y
03/26/85 0930	5050 5050		3.0 31	63.0F 17.2C	7.6	900 1090	--	--	--	--	--	--	252 5.25	62 1.75	--	-- 14	-- --	775	450		E
04/19/85 1300	5050 5050		5.3 56	65 18	F C	7.5	790 918	--	--	--	--	--	194 4.04	52 1.47	--	-- 24	-- --	658	370		E
05/14/85 1445	5050 5050		5.8 69	75 24	F C	7.5	760 906	--	--	--	--	--	174 3.62	58 1.64	--	-- 24	-- --	590	364		
06/12/85 0940	5050 5050		2.8 33	76 24	F C	7.6	900 1070	--	--	--	--	--	86 1.79	74 2.09	--	-- 34	-- --	695	412		
07/25/85 0905	5050 5050		4.8 57	75 24	F C	7.8	700 812	--	--	--	--	--	136 2.63	63 1.78	--	-- 14	-- --	536	280		
08/16/85 0910	5050 5050		2.5 28	71 22	F C	7.2	850 975	--	--	--	--	--	174 3.62	82 2.31	--	-- 14	-- --	654	343		
09/18/85 0955	5050 5050		3.4 36	65 18	F C	7.7	700 856	--	--	--	--	--	130 2.71	74 2.09	--	-- 14	-- --	553	280		
27 5920.10 EATON WA A PASADENA DIV U05C2																					
03/21/85	5050 5050							41 8.3	13 351	12 2.05 55	2.2 1.07 29	138 2.76 76	26 .54 15	7.0 .20 6	7.7 .12 3	.3 34	1.0 --	213 192	156 18	0.4 0.8	
27 6150.00 MISSION C NE MONTERELLO U05A5																					
01/11/85 1155	5050 5050		11.5 112	57 14	F C	7.8	390 1020	--	--	--	--	--	256 5.33	45 1.27	--	-- 44	-- --	707	496		F
02/15/85 0930	5050 5050		6.8 68	60.0F 15.5C	7.7	550 780	--	--	--	--	--	--	181 3.77	35 .99	--	-- --	-- --	497	362		Y
03/26/85 0900	5050 5050		11.3 114	60.0F 15.5C	7.9	1000 1180	--	--	--	--	--	--	266 5.54	53 1.49	--	-- 84	-- --	791	594		
04/19/85 1240	5050 5050		14.5 1E	65 18	F C	7.9	990 1120	--	--	--	--	--	284 5.91	50 1.41	--	-- 14	-- --	775	554		E

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**TABLE C-2**  
**MINOR ELEMENT ANALYSES OF SURFACE WATER**

**Lab and Sampler Agency Code**

5050                      - California Department of Water Resources

**Abbreviations**

TIME	- Pacific Standard Time on a 24-hour clock
Disch	- Instantaneous discharge in cubic feet per second (E = Estimated)
EC	- Electrical conductance in microseimens at 25° C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All Chromium
CHROM (HEX)	- Hexavalent Chromium
D	- Dissolved
T	- Total

TABLE C-2  
MINOR ELEMENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	DISC EC	TEMP PM	CONSTITUENTS IN MILLIGRAMS				PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC		
				ARSENIC	RADIUM CADMIUM	CHROM (ALL) CHROM (HEX)							
		NR 1565.00			CACHUMA RES NR SANTA YNEZ			T14ND0					
05/15/85 1130	5050 5050	680	66 F 9.1	0.00	0	0.00	0	0.01 0.06	0 0	0.000 --	T --	0.00 0	0
		VR 1620.00			MOJAVE P A LO NARS NR VICTORVILLE			V28RD0					
05/14/85 0923	5050 5050	390	66 F 8.0	0.00	0	0.00	0	0.00 0.15	0 0	0.000 --	T --	0.00 0	0
		VR 2025.00			MOJAVE P BL FORKS RES NR HESPERIA			W28RD0					
05/14/85 1020	5050 5050	25 F 280	66 F 7.9	0.00	0	0.00	0	0.00 0.11	0 0	0.000 --	T --	0.01 0	0
		WS 1450.00			WHITEWATER P A WHITEWATER			X19D1					
05/11/85 1400	5050 5050	2 E 350	66 F 7.8	0.00	0	0.00	0	0.00 0.16	0 0	0.000 --	T --	0.11 0	0
		Y1 1550.00			SANTA ANA R BL PRAO0 DM			Y0143					
05/13/85 0830	5050 5050	226.8 950	62 F 7.5	0.00	0	0.00	0	0.01 1.10	0 0	0.000 --	T --	0.03 0	0
		Y5 1100.00			SANTA ANA R A E ST RR NR SAN BERN			Y01E2					
05/13/85 1100	5050 5050	32 E 820	75 F 7.7	0.00	0	0.00	0	0.00 0.10	0 0	0.000 --	T --	0.03 0	0
		Z1 5150.00			MATILIJ C A MATILIJ HOT SPR			U0280					
05/16/85 0900	5050 5050	16 E 800	67 F 7.8	0.00	0	0.00	0	0.00 0.07	0 0	0.000 --	T --	0.00 0	0
		Z2 1300.00			SANTA PAULA C NR SANTA PAULA			U0391					
05/16/85 1000	5050 5050	5 E 790	65 F 8.0	0.00	0	0.00	0	0.00 0.04	0 0	0.000 --	T --	0.00 0	0
		Z2 1360.10			SANTA CLARA R NR SANTA PAULA			U03C1					
05/16/85 1045	5050 5050	60 E 1320	59 F 7.8	0.00	0	0.00	0	0.01 0.04	0 0	0.000 --	T --	0.00 0	0
		Z2 1702.30			SANTA CLARA R A HWY 99			U03E0					
05/17/85 1000	5050 5050	30 E 950	71 F 8.0	0.00	0	0.00	0	0.02 1.8	0 0	0.000 --	T --	0.03 0	0
		Z2 2150.00			SECRE C NR FILLMORE			U03C1					
05/16/85 1145	5050 5050	15 E 950	74 F 7.9	0.00	0	0.00	0	0.00 0.04	0 0	0.000 --	T --	0.00 0	0
		Z2 3240.00			PIRU C RL SANTA FELICIA DM			U0301					
05/16/85 1300	5050 5050	4.9 700	63 F 7.9	0.00	0	0.00	0	0.00 0.04	0 0	0.000 --	T --	0.00 0	0
		Z3 1135.00			SANTA CLARA R A LA-VENTURA COW LI			L03E1					
05/16/85 1340	5050 5050	60 E 1320	60 F 7.8	0.00	0	0.00	0	0.01 0.8	0 0	0.000 --	T --	0.01 0	0
		Z7 1927.10			SAN GABRIEL R A AZUSA PH			U05D3					
05/14/85 1230	5050 5050	00.0 360	68 F 7.8	0.00	0	0.00	0	0.00 0.14	0 0	0.000 --	T --	0.00 0	0
		Z7 5920.10			EATON VA A PASADENA DIV			U05C2					
01/21/85	5050			--	--	--	--	0.00 0.00	0 0	-- --	-- --	0.00 0	0

# **TABLE C-3** **MISCELLANEOUS ANALYSES OF SURFACE WATER**

## **Lab and Sampler Agency Codes**

5050                    - California Department of Water Resources

## **Abbreviations and Constituents**

TIME	- Pacific Standard Time on a 24-hour clock
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)
EC	- Electrical conductance in microseimens at 25° C
DO	- Dissolved oxygen content in milligrams per liter
GH	- Instantaneous gage height in feet above an established datum
pH	- Measure of acidity or alkalinity of water: F = field determination, L = Lab determination
DISCH	- Instantaneous discharge in cubic feet per second (E = estimated)
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
DEPTH	- Depth in feet at which sample was collected
TURB	- Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	- Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	- Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
IODIDE	- Iodide in milligrams per liter
T ODOR	- Threshold odor number at 60 degrees C
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter
CC EXT	- Carbon chloroform extract
CA EXT	- Carbon alcohol extract

TABLE C-3  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	NO G.M.	F-PH L-PH	OISC4 HRAS	DEPTH TIPIR	T+L CHLOR	DOG COLOR	SET 3 ML/L MG/L	ROO SUS S	COO SUS S	CYANIDE PHENOLS	TOC DOC	1001GE T 000R	NOPIKINE SULFITE	T SULF O SULF	CC EXT CA EXT
06 2100.00 SISOUNG R NR GAREY T12B0																	
02/12/83 1050	5050	66.0F 700	12.8	8.0	0.5	--	--	--	--	0.4 R	--	--	--	--	--	--	--
06 3050.00 CUYAMA R BL TWITCHELL DM 11200																	
11/13/84 0700	5050	9.9 1230	7.9	7.9	8 E	--	--	--	--	1.0 R	--	--	--	--	--	--	--
01/14/85 1650	5050 5050	56 F 1380	10.8	7.8	2 E	--	--	--	--	0.6 R	--	--	--	--	--	--	--
04/15/85 1300	5050	77 F 1850	8.8	8.0	2.5	--	--	--	--	0.8 R	--	--	--	--	--	--	--
06 4150.00 HUASNA R NR ARROYO GRANDE																	
10/30/84 1130	5050	66 F 380	8.8	7.3	1 E	--	--	--	--	0.6 R	--	--	--	--	--	--	--
02/11/85 1750	5050	58.0F 600	10.1	7.5	2.5	--	--	--	--	0.5 R	--	--	--	--	--	--	--
0R 1440.00 SANTA YNEZ R A SOLVANG T14C0																	
11/13/84 0900	5050	64 F 400	8.6 0.79	7.8	15 E	--	--	--	--	0.7 R	--	--	--	--	--	--	--
01/15/85 0945	5050 5050	54.4F 350	11.6 0.68	8.0	2 E	--	--	--	--	0.4 R	--	--	--	--	--	--	--
01/16/85 0945	5050 5050	54.4F 350	11.6 0.68	8.0	2 E	--	--	--	--	0.4 R	--	--	--	--	--	--	--
V9 1620.00 MOJAVE R A LO NAPS NR VICTORVILLE W2R80																	
11/14/84 0900	5050	53 F 200	9.8 3.31	7.9	--	--	--	--	--	0.6 R	--	--	--	--	--	--	--
01/08/85 1245	5050 5050	57 F 222	6.5 3.43	8.0	30 E 0.00 L	--	--	--	--	--	--	--	--	--	--	--	--
04/18/85 1000	5050	62 F 365	8.9 3.78	8.0	--	--	--	--	--	0.4 R	--	--	--	--	--	--	--
07/18/85 0705	5050 5050	74 F 350	8.2 3.29	7.5	0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
W3 1070.00 WHITE WATER R NR MECCA X1901																	
12/10/84 0840	5050 5050	63 1400	8.2	7.8	50 E	--	--	--	--	1.1 R	--	--	--	--	--	--	--
06/07/85 1410	5050 5050	85 F 2000	7.0	8.2	85 E	--	--	--	--	0.8 R	--	--	--	--	--	--	--
09/12/85 1000	5050	73 F 2100		7.8	168 E	--	--	--	--	1.1 R	--	--	--	--	--	--	--
X2 1350.00 SANTA MARGARITA R NR FALLBROOK 70281																	
12/11/84 1315	5050 5050	60 420	8.8	7.7	150 E	--	--	--	--	3.1 R	--	--	--	--	--	--	--
03/18/85 1115	5050	59.0F 1150	8.9	8.0	15 E	--	--	--	--	1.9 R	--	--	--	--	--	--	--
06/04/85 1300	5050 5050	70 F 1100	9.0	8.2	3 E	--	--	--	--	0.8 R	--	--	--	--	--	--	--
09/10/85 0930	5050	66 F 980	9.2	7.8	6 E	--	--	--	--	0.3 R	--	--	--	--	--	--	--
Y4 1200.00 SAN DIEGUILO R A MORGES LK 704F1																	
02/19/85 1030	5050	720	11.0	7.8	3.0	--	--	--	--	0.9 R	--	--	--	--	--	--	--
Y4 3400.05 ESCONNIDIO C NEAR HARMONY GROVE 704F2																	
12/11/84 1115	5050 5050	57 F 190	9.3	7.4	125 E 0.12 L	--	--	--	--	--	--	--	--	--	--	--	--
03/18/85 1315	5050 5050	69.0F 1760	12.3	8.5	7 E 0.04 L	--	--	--	--	--	--	--	--	--	--	--	--
06/04/85 1400	5050 5050	66 F 1750	10.0	8.3	4 E 0.11 L	--	--	--	--	--	--	--	--	--	--	--	--
09/10/85 1045	5050 5050	68 F 1300	9.4	7.8	5 E 0.09 L	--	--	--	--	--	--	--	--	--	--	--	--
Y5 1210.30 SAN DIEGO P A DLO MISSION DM 70742																	
12/11/84 0900	5050 5050	57 290	8.4	7.5	400 E	--	--	--	--	3.3 R	--	--	--	--	--	--	--
03/18/85 1450	5050	63.0F 1800	11.1	8.0	7 E	--	--	--	--	1.4 R	--	--	--	--	--	--	--
06/04/85 1605	5050 5050	74 F 2300	9.0	8.0	10 F	--	--	--	--	2.6 R	--	--	--	--	--	--	--
09/10/85 1200	5050	71 F 1900	7.3	7.8	3 E	--	--	--	--	0.7 R	--	--	--	--	--	--	--

TABLE C-3 (CONTINUED)  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAB	TEMP EC	DO G.M.	F-PH L-PH	DISCH MBS	DEPTH TURB	T+L CHLOR	SET 5 PL/L O+G COLOR	MOD SIUS	COO V SUS	CYANIDE PHENOLS	TOC DOC	IODIDE T ODO	BROMIDE SULFITE	T SULF P SULF	CC EXT CA EXT
	X6	1450.00						SWEETWATER R A LEVEL DM NP ALPINE								
										20981						
02/19/85 1430	5050	62.0F 400	11.9	8.0	--	--	--	--	0.9 R	--	--	--	--	--	--	--
	X7	1300.00						OTAY R A SAVAGE DM								
										21080						
02/20/85 1030	5050	59.0F 470		8.0	--	--	--	--	1.3 R	--	--	--	--	--	--	--
	X8	1200.20						71A JUANA R A INT BOUNDARY								
										21141						
10/31/84 0900	5050	70 F 1350	3.1	7.6	1 E	--	--	--	10.7 R	--	--	--	--	--	--	--
02/20/85 1215	5050	62.0F 830	6.6	7.8	3 E	--	--	--	1.0 R	--	--	--	--	--	--	--
	Y1	1550.00						SANTA ANA R RL PRA07 DM								
										Y01A3						
10/25/84 1530	5050 5050	66 F 450	8.6 2.70	7.7	160.0 0.09 L	--	--	--	--	--	--	--	--	--	--	--
11/08/84 1700	5050 5050	63 F 380	7.8	7.7	0.18 L	--	--	--	--	--	--	--	--	--	--	--
12/16/84 1400	5050 5050	50 F 358	9.7 3.62	7.8	416.3 0.13 L	--	--	--	--	--	--	--	--	--	--	--
01/10/85 0900	5050 5050	56 F 365	9.4 3.41	7.4	310 E 0.06 L	--	--	--	--	--	--	--	--	--	--	--
02/14/85 0830	5050 5050	60 F 650	11.2 3.68	7.7	511.0 0.10 L	--	--	--	--	--	--	--	--	--	--	--
03/25/85 0930	5050 5050	58.0F 915	9.8 3.08	7.8	272.8 0.10 L	--	--	--	--	--	--	--	--	--	--	--
04/19/85 1000	5050 5050	63 F 950	8.7 2.99	7.8	241.9 0.05 L	--	--	--	--	--	--	--	--	--	--	--
05/13/85 0830	5050 5050	62 F 950	9.0 2.94	7.5	226.8 0.03 L	--	--	--	--	--	--	--	--	--	--	--
06/11/85 0825	5050 5050	68 F 940	7.8 2.76	8.0	274.8 0.04 L	--	--	--	--	--	--	--	--	--	--	--
07/24/85 0805	5050 5050	74 F 940	8.5 2.68	7.0	143.8 0.06 L	--	--	--	--	--	--	--	--	--	--	--
08/15/85 0800	5050 5050	66 F 775	7.8 2.61	7.3	129.5 0.06 L	--	--	--	--	--	--	--	--	--	--	--
09/17/85 0915	5050 5050	67 F 950		7.3	148.1 0.06 L	--	--	--	--	--	--	--	--	--	--	--
	Y5	1100.00						SANTA ANA R A E ST RR NR SAN BERN								
										Y01E2						
10/26/84 0800	5050 5050	73 F 390	7.9	7.3	70 E 0.56 L	--	--	--	--	--	--	--	--	--	--	--
11/09/84 0930	5050 5050	75 F 390	8.1	7.2	70 E 0.20 L	--	--	--	--	--	--	--	--	--	--	--
12/16/84 0900	5050 5050	66 F 470	7.5	7.5	70 E 0.71 L	--	--	--	--	--	--	--	--	--	--	--
01/10/85 1445	5050 5050	67 F 390	9.0	7.4	75.0 0.10 L	--	--	--	--	--	--	--	--	--	--	--
02/14/85 1115	5050 5050	68 F 610	9.0	7.3	60 E 0.42 L	--	--	--	--	--	--	--	--	--	--	--
03/25/85 1150	5050 5050	69.0F 810	8.8	7.7	042 E 0.26 L	--	--	--	--	--	--	--	--	--	--	--
04/18/85 1530	5050 5050	71 F 850	8.1	7.3	35 E 0.14 L	--	--	--	--	--	--	--	--	--	--	--
05/13/85 1100	5050 5050	75 F 820	7.4	7.7	32 E 0.12 L	--	--	--	--	--	--	--	--	--	--	--
06/11/85 1045	5050 5050	79 F 900	8.2	7.5	35 E 0.28 L	--	--	--	--	--	--	--	--	--	--	--
07/24/85 1205	5050 5050	84 F 830	9.5	7.0	30 E 0.15 L	--	--	--	--	--	--	--	--	--	--	--
08/15/85 1030	5050 5050	83 F 820	7.6	7.2	25 E 0.15 L	--	--	--	--	--	--	--	--	--	--	--
09/17/85 1145	5050 5050	84 F 850	8.4	7.3	60 E 0.20 L	--	--	--	--	--	--	--	--	--	--	--
	Y6	1225.00						SANTA ANA R A HAMMER AV NR CORONA								
										Y01R5						
11/09/84 1200	5050 5050	64 F 450	8.4	7.4	80 E 0.10 L	--	--	--	--	--	--	--	--	--	--	--
01/10/85 1100	5050 5050	58 F 400	7.6	7.4	200 E 0.06 L	--	--	--	--	--	--	--	--	--	--	--
04/19/85 0915	5050 5050	63 F 1000	7.8	7.8	45 E 0.08 L	--	--	--	--	--	--	--	--	--	--	--
07/24/85 1000	5050 5050	74 F 800		7.3	60 F 0.08 L	--	--	--	--	--	--	--	--	--	--	--

TABLE C-3 (CONTINUED)  
MISCELLANEOUS ANALYSES OF SURFACE WATER

DATE TIME	SAMP L&R	TEMP EC	ON G.H.	F-PH L-PH	DISCH M <sup>3</sup> /S	DEPTH TURB	T-L CHLOR	D+G COLOR	ML/L MG/L	NO <sub>3</sub> SUS S	CO <sub>3</sub> V SUS S	CYANIDE PHENOLS	TOC DOC	IOOYOE T ODOOR	BROMIDE SILFITYF	T SULF N SULF	CC EXT CA EXT
Y6 1410.00 SANTA ANA R A MWD XING NR ARLIN Y01R6																	
10/25/84	5050	67 F	8.0	7.9	70 E	--	--	--	--	--	--	--	--	--	--	--	--
1700	5050	420			0.04 L	--	--	--	--	--	--	--	--	--	--	--	--
11/09/84	5050	66 F	8.2	8.0	60 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	390			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
12/16/84	5050	58 F	8.2	8.0	80 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	380			0.10 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	63 F	9.1	7.3	120 E	--	--	--	--	--	--	--	--	--	--	--	--
1220	5050	365			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
02/14/85	5050	61 F	12.0	7.7	70 E	--	--	--	--	--	--	--	--	--	--	--	--
1000	5050	630			0.12 L	--	--	--	--	--	--	--	--	--	--	--	--
03/25/85	5050	66.0F	7.5	7.8	45 E	--	--	--	--	--	--	--	--	--	--	--	--
1045	5050	870			0.09 L	--	--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	63 F	7.8	7.7	40 E	--	--	--	--	--	--	--	--	--	--	--	--
0830	5050	850			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
05/13/85	5050	69 F	7.4	8.0	25 E	--	--	--	--	--	--	--	--	--	--	--	--
1000	5050	930			0.07 L	--	--	--	--	--	--	--	--	--	--	--	--
06/11/85	5050	76 F	6.4	8.0	110 E	--	--	--	--	--	--	--	--	--	--	--	--
0940	5050	900			0.03 L	--	--	--	--	--	--	--	--	--	--	--	--
07/24/85	5050	75 F			90 E	--	--	--	--	--	--	--	--	--	--	--	--
1100	5050	900			0.07 L	--	--	--	--	--	--	--	--	--	--	--	--
08/15/85	5050	73 F	6.6	7.8	45 E	--	--	--	--	--	--	--	--	--	--	--	--
0930	5050	750			0.06 L	--	--	--	--	--	--	--	--	--	--	--	--
09/17/85	5050	72 F	5.8	7.4	45 E	--	--	--	--	--	--	--	--	--	--	--	--
1045	5050	850			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
Y7 1145.00 SAN TIMOTEO C MT AV NR SAN BERNAR Y01E2																	
11/09/84	5050	5.6F	10.1	7.9	2 E	--	--	--	--	--	--	--	--	--	--	--	--
0845	5050	210			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
01/10/85	5050	59 F	5.7	7.3	2	--	--	--	--	--	--	--	--	--	--	--	--
1400	5050	350			0.01 L	--	--	--	--	--	--	--	--	--	--	--	--
04/18/85	5050	60 F	10.1	8.5	1 E	--	--	--	--	--	--	--	--	--	--	--	--
1500	5050	465			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
07/18/85	5050	85 F	8.5	8.3	5 E	--	--	--	--	--	--	--	--	--	--	--	--
1300	5050	480			0.02 L	--	--	--	--	--	--	--	--	--	--	--	--
Y9 1450.00 SAN JACINTO R NR SAN JACINTO Y02E1																	
02/13/85	5050	60 F	10.5	7.5	2 E	--	--	--	--	0.9 B	--	--	--	--	--	--	--
1200		170			--	--	--	--	--	--	--	--	--	--	--	--	--
Z1 1100.00 VENTURA R NR VENTURA U02B0																	
01/15/85	5050	59 F	11.3	8.0	2 E	--	--	--	--	0.2 B	--	--	--	--	--	--	--
1340	5050	410	2.19		--	--	--	--	--	--	--	--	--	--	--	--	--
04/16/85	5050	64 F	8.5	7.5	6 E	--	--	--	--	0.2 B	--	--	--	--	--	--	--
1215		850	2.01		--	--	--	--	--	--	--	--	--	--	--	--	--
Z7 1100.00 SAN GABRIEL R A WHITTIER NARROWS U05A5																	
10/24/84	5050	74 F			25 E	--	--	--	--	4.3 B	--	--	--	--	--	--	--
1315	5050				--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	69 F	15.6	9.2	1 E	--	--	--	--	38.0 B	--	--	--	--	--	--	--
0810		1000			--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	72 F	18.4	9.5	15 E	--	--	--	--	14.0 B	--	--	--	--	--	--	--
0920		1800			--	--	--	--	--	--	--	--	--	--	--	--	--
Z7 5100.00 RIO MONJO NR MONTERELLO U0501																	
10/24/84	5050	73 F			7 E	--	--	--	--	2.9 B	--	--	--	--	--	--	--
1330					--	--	--	--	--	--	--	--	--	--	--	--	--
04/19/85	5050	65 F	5.3	7.5	4.0	--	--	--	--	4.3 B	--	--	--	--	--	--	--
1300		790			--	--	--	--	--	--	--	--	--	--	--	--	--
08/16/85	5050	71 F	2.5	7.2	8 E	--	--	--	--	5.0 B	--	--	--	--	--	--	--
0910	5050	850			--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/85	5050	65 F	3.4	7.7	12 E	--	--	--	--	6.6 B	--	--	--	--	--	--	--
0954		700			--	--	--	--	--	--	--	--	--	--	--	--	--

# **TABLE C-4** **NUTRIENT ANALYSES OF SURFACE WATER**

## **Lab and Sampler Agency Code**

5050	- California Department of Water Resources
5064	- California Department of Water Resources, Castaic Laboratory

## **Abbreviations**

TIME	- Pacific Standard Time on a 24-hour clock
GH	- Instantaneous gage height, in feet, above an established datum
Q	- Instantaneous discharge in cubic feet per second
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
Depth	- Depth, in feet, when measurement was taken
F EC	- Field determination of electrical conductance in microseimens at 25°C
F PH	- Field determination of acidity or alkalinity
TURB	- Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
F-CO2	- Field determination of carbon dioxide in milligrams per liter
P ALK	- Field determination of alkalinity (Phenol)
T ALK	- Field determination of alkalinity (Total)

## **(Nitrogen Series as N)**

D N02+N03	- Dissolved nitrite and nitrate
D N02	- Dissolved nitrite
D N03	- Dissolved nitrate
D ORG N	- Dissolved organic nitrogen
T ORG N	- Total organic nitrogen
D NH 3	- Dissolved ammonia
T NH 3	- Total ammonia
T (NH3+ORG N)	- Total ammonia plus organic nitrogen

## **(Phosphorus Series as P)**

DIS.A.H.P04	- Dissolved acid hydrolyzable phosphate
D O-P04	- Dissolved orthophosphate
T O-P04	- Total orthophosphate
D TOT P	- Dissolved total phosphorus
T TOT P	- Total phosphorus

TABLE C-4  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.H. O	TEMP DEPTH	F EC F PW	TIJRA F CO2	FIELD P ALK T ALK	0 NO2 + NO3	0 NO2 0 NO3	CONSTITUENTS IN MILLIGRAMS PER LITER						0 0-PO4 T 0-PO4	0 TOT P T TOT P
									0 ORF N T ORF N	0 NH3 T NH3	T NH3 + ORG N	0 IS A.M.P04				
06 3050.00 CIJYAMA R AL TWITCHELL DM T120U																
11/13/84	5050		57 F	1250			--	0.002	--	--	--	--			0.02	--
0700		8 E		7.9				0.27	--	--	--	--			--	--
01/14/85	5050		56 F	1380			--	0.024	--	--	--	--			0.00	--
1650	5050	2 E		7.8				0.14	--	--	--	--			--	--
04/15/85	5050		77 F	1850			--	0.000	--	--	--	--			0.00	--
1300		2.5		8.0				0.00	--	--	--	--			--	--
06 4150.00 NIASHA R NR ARPOYO GRANDE																
10/30/84	5050		66 F	380			--	0.005	--	--	--	--			0.74	--
1130		1 E		7.3				0.68	--	--	--	--			--	--
02/11/85	5050		58.0F	600			--	0.004	--	--	--	--			0.32	--
1750	5050	2.5		7.5				0.27	--	--	--	--			--	--
08 1440.00 SANTA YNEZ R A SOLVANG T14C0																
11/13/84	5050		64 F	400			--	0.002	--	--	--	--			0.05	--
0900		15 E		7.8				0.16	--	--	--	--			--	--
01/15/85	5050		54 F	350			--	0.003	--	--	--	--			0.00	--
0945	5050	2 E		8.0				0.09	--	--	--	--			--	--
09 1620.00 MOJAVE R A LO HARS NR VICTORVILLE W2880																
11/14/84	5050		53 F	200			--	0.019	--	--	--	--			0.10	--
0900				7.9				1.44	--	--	--	--			--	--
01/08/85	5050		57 F	222			--	--	--	--	--	--			0.12	--
1245	5050	30 E		8.0				--	--	--	--	--			--	--
04/18/85	5050		62 F	365			--	0.030	--	--	--	--			0.10	--
1000	5050	3.78		8.0				1.31	--	--	--	--			--	--
07/18/85	5050		74 F	330			--	--	--	--	--	--			0.15	--
0705	5050			7.5				--	--	--	--	--			--	--
03 1070.00 WHITE WATER R NR MECCA Y1901																
12/10/84	5050		63	1400			--	0.100	--	--	--	--			0.53	--
0840	5050	50 E		7.8				11.51	--	--	--	--			--	--
06/07/85	5050		85 F	2000			--	0.080	--	--	--	--			0.51	--
1410	5050	85 E		8.2				9.07	--	--	--	--			--	--
09/12/85	5050		73 F	2100			--	0.115	--	--	--	--			0.81	--
1000		168 E		7.8				8.58	--	--	--	--			--	--
02 1350.00 SANTA MARCARIITA R NR FALLBROOK Z02R1																
12/11/84	5050		60	420			--	0.090	--	--	--	--			1.26	--
1315	5050	150 E		7.7				6.77	--	--	--	--			--	--
03/18/85	5050		59.0F	1150			--	0.240	--	--	--	--			1.03	--
1115		15 E		8.0				8.26	--	--	--	--			--	--
06/04/85	5050		70 F	1100			--	0.008	--	--	--	--			1.47	--
1300	5050	3 E		8.2				6.64	--	--	--	--			--	--
09/10/85	5050		66 F	980			--	0.010	--	--	--	--			2.91	--
0930		6 E		7.8				12.87	--	--	--	--			--	--
04 1200.00 SAN DIEGUITO R A HONGES LK Z04F1																
02/19/85	5050		59.0F	720			--	0.004	--	--	--	--			0.02	--
1030		5.0		7.8				0.68	--	--	--	--			--	--
04 3400.00 ESCONIDION C NEAR HARMONY GROVE Z04F2																
12/11/84	5050		57 F	190			--	--	--	--	--	--			0.32	--
1115	5050	125 E		7.4				--	--	--	--	--			--	--
03/18/85	5050		69.0F	1780			--	--	--	--	--	--			0.08	--
1315	5050	7 F		8.5				--	--	--	--	--			--	--
06/04/85	5050		66 F	1750			--	--	--	--	--	--			0.16	--
1400	5050	4 E		8.3				--	--	--	--	--			--	--
09/10/85	5050		66 F	1300			--	--	--	--	--	--			0.17	--
1045	5050	5 E		7.8				--	--	--	--	--			--	--
05 1230.30 SAN DIEGO R A OLD MISSION DM Z07#2																
12/11/84	5050		57	290			--	0.018	--	--	--	--			0.16	--
0900	5050	400 E		7.5				0.56	--	--	--	--			--	--
03/18/85	5050		63.0F	1800			--	0.030	--	--	--	--			0.09	--
1450		7 E		8.0				0.68	--	--	--	--			--	--
06/04/85	5050		76 F	2300			--	0.005	--	--	--	--			0.13	--
1605	5050	10 F		8.0				0.50	--	--	--	--			--	--
09/10/85	5050		71 F	1900			--	0.010	--	--	--	--			0.21	--
1200		3 E		7.8				0.27	--	--	--	--			--	--
06 1450.00 SWEETWATER R A LOVEL OM NR ALPINE Z09R1																
02/19/85	5050		62.0F	400			--	0.000	--	--	--	--			0.40	--
1430	5050			8.0				0.14	--	--	--	--			--	--

TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.M. O	TEMP DEPTH	F EC PH	TURB F C72	FIELD P ALK 7 ALK	N NO2 + NO3	N NO2 NO3	CONSTITUENTS IN MILLIGRAMS PER LITER					N P-PO4 T O-PO4	N TOT P T TOT P
									O ORG N T ORG N	O NH3 T NH3	T NH3 + ORG N	DIS A.M.P.O4			
Y7 1300.00 DAY R A SAVAGE DM Z1080															
10/31/84	5050		75 F	300			--	0.011	--	--	--	--	0.04	--	--
0930	5050			7.4				0.74	--	--	--	--	--	--	--
02/20/85	5050		50.0F	470			--	0.013	--	--	--	--	0.01	--	--
1030				8.0				0.27	--	--	--	--	--	--	--
XR 1200.20 TIA JIYANA R A TNT BOUNDARY Z1141															
10/31/84	5050		73 F	1350			--	0.275	--	--	--	--	0.65	--	--
0900		1 E		7.6				10.29	--	--	--	--	--	--	--
02/20/85	5050		62.0F	830			--	0.004	--	--	--	--	0.10	--	--
1215		3 F		7.8				0.68	--	--	--	--	--	--	--
Y1 1550.00 SANTA ANA R PL PRAND DM Y0143															
10/25/84	5050	2.70	66 F	450			--	--	--	--	--	--	2.32	--	--
1530	5050	160.0		7.7				--	--	--	--	--	--	--	--
11/08/84	5050		63 F	380			--	--	--	--	--	--	1.80	--	--
1700	5050			7.7				--	--	--	--	--	--	--	--
12/16/84	5050	3.62	50 F	358			--	--	--	--	--	--	1.60	--	--
1403	5050	116.3		7.8				--	--	--	--	--	--	--	--
01/10/85	5050	3.41	56 F	365			--	--	--	--	--	--	1.96	--	--
0900	5050	310 E		7.4				--	--	--	--	--	--	--	--
02/14/85	5050	3.62	60 F	650			--	--	--	--	--	--	1.27	--	--
0830	5050	511.0		7.7				--	--	--	--	--	--	--	--
03/25/85	5050	3.68	58.0F	915			--	--	--	--	--	--	2.99	--	--
0930	5050	272.8		7.8				--	--	--	--	--	--	--	--
04/19/85	5050	2.99	63 F	950			--	--	--	--	--	--	2.94	--	--
1000	5050	241.9		7.8				--	--	--	--	--	--	--	--
05/13/85	5050	2.94	62 F	950			--	--	--	--	--	--	2.83	--	--
0830	5050	228.6		7.5				--	--	--	--	--	--	--	--
06/11/85	5050	2.76	68 F	940			--	--	--	--	--	--	2.60	--	--
0825	5050	274.8		8.0				--	--	--	--	--	--	--	--
07/24/85	5050	2.68	74 F	940			--	--	--	--	--	--	2.16	--	--
0605	5050	143.8		7.0				--	--	--	--	--	--	--	--
08/15/85	5050	2.61	66 F	775			--	--	--	--	--	--	2.01	--	--
0600	5050	120.5		7.3				--	--	--	--	--	--	--	--
09/17/85	5050	2.70	67 F	950			--	--	--	--	--	--	2.68	--	--
0915	5050	148.1		7.3				--	--	--	--	--	--	--	--
Y5 1100.00 SANTA ANA R A E ST BR NR SAN RERN Y01E2															
10/26/84	5050		73 F	390			--	--	--	--	--	--	3.69	--	--
0800	5050	70 E		7.3				--	--	--	--	--	--	--	--
11/09/84	5050		75 F	390			--	--	--	--	--	--	4.12	--	--
0930	5050	70 E		7.2				--	--	--	--	--	--	--	--
12/16/84	5050		66 F	470			--	--	--	--	--	--	2.29	--	--
0900	5050	70 E		7.5				--	--	--	--	--	--	--	--
01/10/85	5050		67 F	390			--	--	--	--	--	--	1.31	--	--
1445	5050	75		7.4				--	--	--	--	--	--	--	--
02/14/85	5050		68 F	610			--	--	--	--	--	--	1.96	--	--
1115	5050	60 F		7.3				--	--	--	--	--	--	--	--
03/25/85	5050		69.0F	810			--	--	--	--	--	--	1.96	--	--
1150	5050	42 E		7.7				--	--	--	--	--	--	--	--
04/19/85	5050		71 F	850			--	--	--	--	--	--	3.19	--	--
1530	5050	35 E		7.3				--	--	--	--	--	--	--	--
05/13/85	5050		75 F	820			--	--	--	--	--	--	2.58	--	--
1100	5050	32 F		7.7				--	--	--	--	--	--	--	--
06/11/85	5050		79 F	900			--	--	--	--	--	--	10.29	--	--
1045	5050	35 E		7.5				--	--	--	--	--	--	--	--
07/24/85	5050		84 F	830			--	--	--	--	--	--	3.50	--	--
1205	5050	30 E		7.0				--	--	--	--	--	--	--	--
08/15/85	5050		83 F	820			--	--	--	--	--	--	2.12	--	--
1030	5050	25 F		7.2				--	--	--	--	--	--	--	--
09/17/85	5050		84 F	850			--	--	--	--	--	--	2.84	--	--
1145	5050	60 E		7.3				--	--	--	--	--	--	--	--
YA 1225.00 SANTA ANA R A HAMMER AV NR CORONA Y0185															
11/09/84	5050		64 F	450			--	--	--	--	--	--	1.63	--	--
1200	5050	80 F		7.4				--	--	--	--	--	--	--	--
01/10/85	5050		58 F	400			--	--	--	--	--	--	1.55	--	--
1100	5050	200 F		7.4				--	--	--	--	--	--	--	--
04/19/85	5050		63 F	1000			--	--	--	--	--	--	2.12	--	--
0915	5050	45 F		7.8				--	--	--	--	--	--	--	--
07/24/85	5050		74 F	800			--	--	--	--	--	--	2.94	--	--
1000	5050	60 E		7.3				--	--	--	--	--	--	--	--

TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

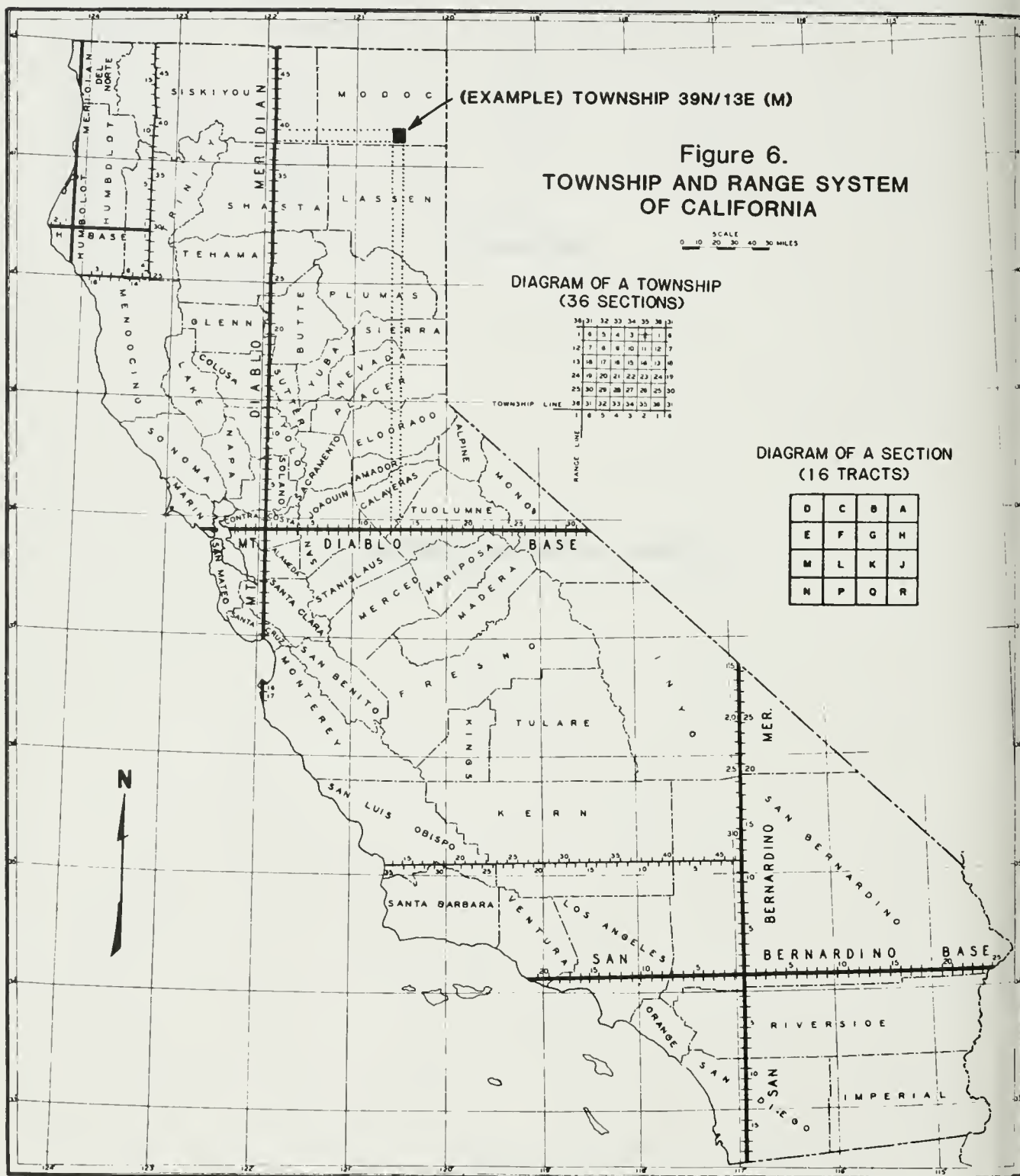
DATE TIME	SAMP LAR	G.N. D	TEMP DEPTH	F EC PH	THRR F CO2	FIELD P ALK T ALK	N NO2 + N NO3	N NO2 N NO3	CONSTITUENTS IN MILLIGRAMS PER LITER					N N-P04 T N-P04	N TOT P T TOT P
									O ORG N T ORG N	O NH3 T NH3	T NH3 + OPS N	DIS A.4.904			
Y6 1410.00 SANTA ANA R A NWD KING NR ARLIN Y01R6															
10/25/84	5050		67 F	420			--	--	--	--	--	--	--	1.18	--
1700	5050	70 E		7.9										--	--
11/09/84	5050		66 F	390			--	--	--	--	--	--	--	1.27	--
1100	5050	60 F		8.0										--	--
12/16/84	5050		59 F	380			--	--	--	--	--	--	--	1.24	--
1100	5050	80 E		8.0										--	--
01/10/85	5050		63 F	365			--	--	--	--	--	--	--	0.95	--
1220	5050	120 E		7.3										--	--
02/14/85	5050		61 F	630			--	--	--	--	--	--	--	1.70	--
1000	5050	70 E		7.7										--	--
03/25/85	5050		66.0 F	870			--	--	--	--	--	--	--	1.05	--
1045	5050	45 E		7.8										--	--
04/19/85	5050		63 F	850			--	--	--	--	--	--	--	1.50	--
0830	5050	40 E		7.7										--	--
05/11/85	5050		69 F	930			--	--	--	--	--	--	--	1.23	--
1000	5050	25 E		8.0										--	--
06/11/85	5050		76 F	900			--	--	--	--	--	--	--	1.98	--
0940	5050	110 E		8.0										--	--
07/24/85	5050		75 F	900			--	--	--	--	--	--	--	2.21	--
1100	5050	90 E												--	--
08/15/85	5050		73 F	750			--	--	--	--	--	--	--	1.56	--
0930	5050	45 E		7.8										--	--
09/17/85	5050		72 F	850			--	--	--	--	--	--	--	2.19	--
1045	5050	45 E		7.4										--	--
Y7 1145.00 SAN TIMOTEN C MT AV NR SAN REPNAE Y01E2															
11/09/84	5050		56 F	210			--	--	--	--	--	--	--	0.06	--
0845	5050	2 E		7.9										--	--
01/10/85	5050		59 F	350			--	--	--	--	--	--	--	0.13	--
1400	5050	2		7.3										--	--
04/18/85	5050		60 F	465			--	--	--	--	--	--	--	0.08	--
1500	5050	1 E		8.5										--	--
07/18/85	5050		85 F	480			--	--	--	--	--	--	--	0.02	--
1300	5050	5 E		8.3										--	--
Y9 1450.00 SAN JACINTO R NR SAN JACINTO Y02B1															
02/13/85	5050		60 F	170			--	0.001	--	--	--	--	--	0.07	--
1200		2 E		7.5				0.27	--	--	--	--	--	--	--
71 1100.00 VENTURA R NP VENTURA U02R0															
01/15/85	5050		59 F	410			--	0.004	--	--	--	--	--	0.00	--
1340	5050	2 E		8.0				1.38	--	--	--	--	--	--	--
04/16/85	5050		64 F	850			--	0.004	--	--	--	--	--	0.00	--
1215	5050	6 E		7.5				1.04	--	--	--	--	--	--	--
72 3760.00 PIRU C RELEASE FROM PYRAMIO OH U0302															
10/18/84	5050		18.7C	325			--	0.000	--	--	--	0.01	0.02	--	--
0830	5064	1		8.3				0.34	0.21	0.0	0.21	--	--	0.03	--
11/15/84	5050		16.1C	430			--	0.000	--	--	--	0.01	0.02	--	--
1015	5064	1		8.2				0.32	0.52	0.0	0.52	--	--	0.04	--
12/28/84	5050		10.9C	381			--	0.000	--	--	--	0.00	0.05	--	--
1350	5064	1		7.9				0.50	0.69	0.0	0.69	--	--	0.07	--
01/17/85	5050		9.8C	400			--	0.003	--	--	--	0.00	0.06	--	--
1100		1		8.6				0.50	0.64	0.0	0.64	--	--	0.09	--
02/21/85	5050		9.6C	400			--	0.003	--	--	--	0.00	0.07	--	--
1100	5064	1		8.0				0.68	0.87	0.0	0.87	--	--	0.08	--
03/21/85	5050		9.7C	395			--	0.004	--	--	--	0.01	0.07	--	--
1115	5064	1		8.0				0.81	0.23	0.0	0.23	--	--	0.16	--
04/16/85	5050		10.3C	450			--	0.003	--	--	--	0.00	0.06	--	--
1130	5064	1		7.6				0.81	0.77	0.0	0.77	--	--	0.09	--
05/16/85	5050		12.2C	400			--	0.001	--	--	--	0.01	0.08	--	--
1100	5064	1		7.8				0.50	1.04	0.0	1.04	--	--	0.09	--
06/19/85	5050		17.2C	430			--	0.001	--	--	--	0.01	0.08	--	--
0705	5064	1		7.8				0.95	0.76	0.0	0.76	--	--	0.10	--
07/19/85	5050		18.4C	430			--	0.000	--	--	--	0.00	0.07	--	--
1430	5064	1		7.7				0.97	0.26	0.0	0.26	--	--	0.08	--
08/22/85	5050		19.2C	440			--	0.000	--	--	--	0.01	0.09	--	--
1430	5064	1		7.6				1.08	0.73	0.0	0.73	--	--	0.12	--
77 1100.90 SAN GABRIEL R A WHITTIER NARROWS U0545															
10/24/84	5050		74 F				--	0.525	--	--	--	--	--	0.64	--
1315	5050	25 E						3.12	--	--	--	--	--	--	--
08/14/85	5050		69 F	1000			--	0.001	--	--	--	--	--	0.00	--
0810		1 E		9.2				0.41	--	--	--	--	--	--	--
09/18/85	5050		72 F	1800			--	0.010	--	--	--	--	--	0.05	--
0920		15 E		9.5				0.09	--	--	--	--	--	--	--

TABLE C-4 (CONTINUED)  
NUTRIENT ANALYSES OF SURFACE WATER

DATE TIME	SAMP LAR	G.M. O	TEMP DEPTH	F EC F PH	TURA F CO2	FIELD P ALK T ALK	D ND2 + ND3	D ND2 D ND3	CONSTITUENTS IN MILLIGRAMS PER LITER				D D-PD* T D-PD*	D TOT P T TOT P		
									D ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A.M.PD4				
77 5100.00 RIO MONDRI NR MONTERELLO . U6501																
10/20/84	5050						--	0.080	--	--	--	--		0.24	--	
1200			7 F					0.95	--	--	--	--		--	--	
10/24/84	5050						--	0.080	--	--	--	--		0.24	--	
1400			7 E					0.95	--	--	--	--		--	--	
04/19/85	5050		65	F	790		--	0.088	--	--	--	--		0.16	--	
1300			4 E		7.5			0.95	--	--	--	--		--	--	
08/16/85	5050		71	F	850		--	0.038	--	--	--	--		0.26	--	
0910	5050		8 E		7.2			0.90	--	--	--	--		--	--	
09/18/85	5050		65	F	700		--	0.030	--	--	--	--		0.26	--	
0955			12 E		7.7			0.04	--	--	--	--		--	--	

## **APPENDIX D**

### **GROUND WATER MEASUREMENTS**



## APPENDIX D

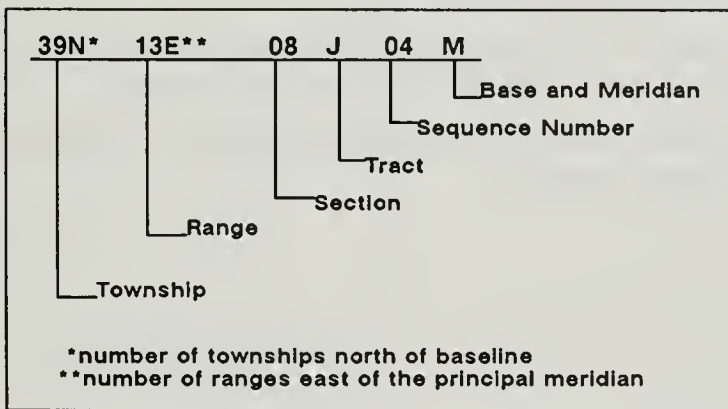
### GROUND WATER MEASUREMENTS

Appendix "D" presents depth to water measurements (ground to water) and water surface elevations for selected wells in the Soouthern California from October 1, 1984 to September 30, 1985.

The location of a well can be approximated by the well number. The numbering system for wells is based on a rectangular system called the United States System of Surveying the Public Lands, commonly referred to as the Public Lands Survey. This system ties all tracts of lands to an initial point and identifies them as being in a particular township. A township is a square parcel of land six miles on each side. Its location is established as being so many six-mile units east or west of a north-south line running through the initial point (called the "principal meridian") and so many six-mile units north or south of an east-west line running through the point (called the "baseline"). The meridional (longitudinal) lines parallel to, and east or west of, the principal meridian are called *range lines*. Latitudinal lines parallel to, and north or south of, the baseline are known as *township lines*. Each township is described with respect to the initial point by its distance (in numbers of six mile units) and direction from that point i.e., north or south and east or west.

Figure 6 presents the township and range system for California, and shows the three bases and meridians: i.e., the Humboldt (H), Mount Diablo (M) and San Bernardino (S). The figure also numbers the townships and ranges along the principal meridians and baselines, and shows the location of, for example, township 39N/13E M. The location of any township in the State can be found by extending the township and range lines as shown.

Every township is further divided into 36 equal parts called sections. A diagram of a typical township with the sections numbered from 1 to 36 is shown on Figure 6. The well numbering system is an extension of the public land survey system and involves dividing each section of land into sixteen 40-acre tracts with each tract given a letter (A through R) to identify it (see also Figure 6.) Sequence numbers in a tract are assigned in chronological order. A typical well number consists of 12 characters expressed as follows:



In the above example, this is the fourth well to be assigned a number in Tract J, Section 8 of the designated township.

Ground water measurement stations are listed in Table D by ascending areal code. The areal code is explained on page 2. Individual areal code numbers appear to the left of the hydrologic area names.

and the data listed thereunder are in that hydrologic area. The number of ground water stations precludes plotting each individual well on maps in this publication. Instead, Figure 7 shows the location of the ground water basins in which measurements were taken.

To facilitate station location, the cross reference starting on the following page relates the hydrologic areas to the ground water basins shown on Figure 7 and lists the respective areal code. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers for the tabulated data.

The date shown in the table is the date when the depth measurement was made.

Some of the measurements in the "ground to water" column may be followed by a single digit in parenthesis, which indicates a questionable measurement. The meaning of these codes is as follows:

- |                           |  |
|---------------------------|--|
| (0) Caved or deepened     | (5) Air or pressure gage measurement   |
| (1) Pumping               | (6) Other                              |
| (2) Nearby pump operating | (7) Recharge operation at or near well |
| (3) Casing leaking or wet | (8) Oil in casing                      |
| (4) Pumped recently       | (9) Acoustic Sounder                   |

When the letters "NM" followed by a digit in parenthesis appears in the column, it means a measurement was attempted but could not be obtained. The reason for no measurement is described by the digit listed below:

- |                               |                              |
|-------------------------------|------------------------------|
| (0) Measurement Discontinued  | (5) Unable to locate well    |
| (1) Pumping                   | (6) Well has been destroyed  |
| (2) Pump house locked         | (7) Special                  |
| (3) Tape hung up              | (8) Casing leaking or wet    |
| (4) Cannot get tape in casing | (9) Temporarily inaccessible |

The words "FLOW" and "DRY" also appear in this column to indicate a flowing or dry well, respectively. When a minus sign precedes the value, it indicates that the static water level in a flowing well is that distance in feet above the ground surface.

Elevations are given in feet at USGS mean sea level datum. Ground surface elevations are usually obtained by interpolation between contours of USGS topographic maps.

The final column is the code number for the agency supplying the data. Contributing agencies and their code numbers are listed on page 77.

# APPENDIX D CROSS REFERENCE GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Analyses on page	Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Analyses on page
		CENTRAL COAST	HB				San Gabriel Valley	HA	
		ESTERO BAY	HU		4-13	San Gabriel Valley	Main San Gabriel	HSA	U-05.D1 183,196
		Cambrils	HIA			San Gabriel Valley	Lower Canyon	HSA	U-03.D2 185,198, 207
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2 169		San Gabriel Valley	Upper Canyon	HSA	U-05.D3 185,198, 207
3-35	San Simeon	San Simeon	HSA	T-10.A3 169		San Gabriel Valley	Foothill	HSA	U-05.D4 185,207
		Point Buchon	HIA				Spadra	HA	
3-41	Morro Valley	Morro	HSA	T-10.B1 169	4-14	Upper Santa Ana Valley	San Jose Wash	HSA	U-05.E1 207,185, 198
		Arroyo Grande	HA			Upper Santa Ana Valley	Pomona	HSA	U-05.E2 186,198, 207
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1 169		Upper Santa Ana Valley	Live Oak	HSA	U-05.E3 186
	Mipoma Mesa Area	Mipoma Mesa	HSA	T-10.C2 169			<b>SOUTH LAHONTAN</b>	<b>HB</b>	
		SANTA MARIA	HU				ANTELOPE	HU	
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A 169			Chafer	HA	
	Santa Maria River Valley	Sisquoc	HA	T-12.B 170	6-44	Antelope Valley	Lancaster	HSA	W-26.A5 137
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C 170		Antelope Valley	Buttes	HSA	W-26.A7 187
3-14	San Antonio Creek Valley	SAN ANTONIO	HU	T-13 170		Antelope Valley	Rock Creek	HSA	W-26.A8 187
		SANTA YNEZ	HU				SANTA ANA	HB	
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A 171			SANTA ANA RIVER	HU	
	Santa Ynez River Valley	Sanita Rita	HA	T-14.B 171			Middle Santa Ana	HA	
		SOUTH COAST	HU				River	HA	
		Arguello	HA	T-15.A 171	3-2	Upper Santa Ana Valley	Chino	HSA	Y-01.B1 189,199, 207
		SOUTH COAST HYDRO				Upper Santa Ana Valley	Claremont	HSA	Y-01.B3 189,199, 207
		SUBUNIT	HU				SAN JACINTO VALLEY	HU	
		Goleta Hydro Subarea	HSA	T-15.C1 171			San Jacinto	HA	
		LOS ANGELES	HB		8-5	San Jacinto Basin	Gilman Hot Springs	HSA	Y-02.B1 189,199
4-3	Ventura River Valley	VENTURA RIVER	HU				<b>SAN DIEGO</b>	<b>HB</b>	
		Upper Ventura River	HA	U-02.B 172			SAN DIEGO RIVER	HU	
		Ojai	HA				Lower San Diego	HA	
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1 172			El Cajon	HSA	Z-07.A3 190,199
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2 172	9-16	El Cajon Valley			
		SANTA CLARA CALLEGUAS	HU				SWEETWATER	HU	
		Oxnard Plain	HA		9-17	Sweetwater Valley	Lower Sweetwater	HA	
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1 172			La Nacion	HSA	Z-09.A2 191
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2 174			OTAY	HU	
		Santa Paula	HIA		9-18	Otay Valley	Otay Valley	HIA	Z-10.D
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1 174			TIJUANA	HU	
	Santa Clara River Valley	Sislar	HSA	U-03.B2 174			Tijuana Valley	HA	
	Santa Clara River Valley	Sespe	HIA		9-19	Tijuana Basin	Water Tanks	HSA	Z-11.A2 191
	Santa Clara River Valley	Fillmore	HSA	U-03.C1 174					
	Santa Clara River Valley	Piru	HA						
	Santa Clara River Valley	Santa Felicia	HSA	U-03.D1 175					
4-4.07	Santa Clara River Valley	Upper Santa Clara							
	Eastern Basin	River	HA						
	Santa Clara River Valley	Eastern	HSA	U-03.E1 175,193, 203					
	Eastern Basin								
	Santa Clara River Valley	Sierra Paloma	HSA	U-03.E4 194,204					
	Eastern Basin								
4-5	Acton Valley	Acton	HSA	U-03.E5 194,204					
4-8	Las Posas Valley	Calleguas-Conejo	HA						
	Las Posas Valley	West Las Posas	HSA	U-03.F1 175					
4-8	Las Posas Valley	East Las Posas	HSA	U-03.F2 175					
4-21	Conejo-Tierra Rejada	Conejo Valley	HSA	U-03.F4 175					
	Volcanic Areas								
4-9		Simi Valley	HSA	U-03.F7 175					
		MALIBU	HU						
4-21	Conejo-Tierra Rejada	Malibu Creek	HA						
	Volcanic Areas	Sherwood	HSA	U-04.B6 176					
		Camarillo	HA	T-12.C 176					
4-16	Hidden Valley	Big Sycamore Canyon	HSA	U-04.D7 176					
		LA-SAN GABRIEL RIVER	HU						
4-11	Coastal Plain-	Coastal Plain	HA						
	Los Angeles County	West Coast	HSA	U-05.A2 176					
	Coastal Plain-	Central	HSA	U-05.A5 177,195, 205					
	Los Angeles County								
		Raymond	HA						
4-13	San Gabriel Valley	Pasadena	HSA	U-05.C1 181,195, 201,205					
	San Gabriel Valley	Monk Hill	HSA	U-05.C2 181,196, 205					
	San Gabriel Valley	Santa Anita	HSA	U-05.C3 182,196					

\*See Page 2

\*\*See Figure 2

# APPENDIX D CROSS REFERENCE (Continued)

## GROUND WATER BASIN—AREAL CODE

Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page	Ground Water Basin No.	Name	Hydrologic Area*	Areal Code**	Data on page
7-19	Lucerne Valley	COLORADO RIVER LUCERNE LAKE	HB HU	X-01 112	9-7	San Luis Rey Valley	SAN LUIS REY Lower San Luis Mission	HU HA HSA	Z-03.A1 152
7-12	Warren Valley	JOSHUA TREE Warren	HU HA	X-08.A 112	9-8	Warner Valley	Warner Valley Warner SAN DIEGUITO Hodges	HA HSA HU HA	Z-03.C1 152
7-11	Copper Mountain Valley	Copper Mountain	HA	X-08.B 112	9-10	San Pasqual Valley	Del Dios	HSA	Z-05.B1 155
7-10	Twentynine Palms Valley	DALE Twentynine Palms	HU HA	X-09.A 113	9-7	San Luis Ray Valley	San Pasqual	HA	Z-05.C2 155
7-9	Dale Valley	Dale Valley	HA	X-09.B 113	9-7	San Luis Ray Valley	Las Lomas Muertas Hidden	HSA HSA	Z-05.C4 156
7-20	Morongo Valley	Whitewater Morongo	HU HA	X-19.A 113	9-11	Santa Maria Valley	Santa Maria Valley Ramona	HA HSA	Z-05.D1 156
7-21	Coachella Valley	San Geronimo Cabazon	HA HSA	X-19.C2 113	9-15	San Diego River Valley	SAN DIEGO RIVER Lower San Diego	HU HA	Z-07.A2 158
7-21	Coachella Valley	Garnet Hill	HSA	X-19.D1 114	9-15	San Diego River Valley	Santee El Monte	HSA HSA	Z-07.A5 158
7-21	Coachella Valley	Mission Creek	HSA	X-19.D2 114			Boulder Creek Spencer	HA HSA	Z-07.D2 158
7-21	Coachella Valley	Miracle Hill	HSA	X-19.D3 114	9-20	Jamul Valley	SWEETWATER Middle Sweetwater Jamacha	HU HA HSA	Z-09.B1 159
7-21	Coachella Valley	Sky Valley	HSA	X-19.D4 115	9-19	Tijuana Basin	TIJUANA Tijuana Valley San Ysidro	HU HA HSA	Z-11.A1 159
7-21	Coachella Valley	Forgo Canyon	HSA	X-19.D5 115			Monument Pine	HA HSA	Z-11.D1 159
7-21	Coachella Valley	Thousand Palms	HSA	X-19.D6 115					
7-21	Coachella Valley	Indio	HSA	X-19.D7 115					
		SANTA ANA SANTA ANA RIVER Lower Santa Ana River	HB HU HA						
8-1	Coastal Plain-Orange Co.	East Coastal Plain	HA	Y-01.A1 120					
8-1	Coastal Plain-Orange Co.	Santa Ana Narrows	HSA	Y-01.A3 122					
		Upper Santa Ana Valley	HA						
8-2	Upper Santa Ana Valley	Chino	HSA	Y-01.B1 122					
8-2	Upper Santa Ana Valley	Claremont	HSA	Y-01.B3 125					
8-2	Upper Santa Ana Valley	Cucamonga	HSA	Y-01.B4 125					
8-2	Upper Santa Ana Valley	Temescal	HSA	Y-01.B5 126					
8-2	Upper Santa Ana Valley	Arlington	HSA	Y-01.B6 126					
8-2	Upper Santa Ana Valley	Riverside	HSA	Y-01.B7 127					
8-2	Upper Santa Ana Valley	Lake Mathews	HA						
8-2	Upper Santa Ana Valley	Coldwater	HSA	Y-01.C1 131					
8-2	Upper Santa Ana Valley	Bedford	HSA	Y-01.C2 131					
8-2	Upper Santa Ana Valley	Lee Lake	HSA	Y-01.C4 132					
		Colton-Rialto	HA						
8-2	Upper Santa Ana Valley	Lower Lytle	HSA	Y-01.D2 132					
8-2	Upper Santa Ana Valley	Rialto Lytle	HSA	Y-01.D3 133					
8-2	Upper Santa Ana Valley	Colton	HSA	Y-01.D4 133					
		Upper Santa Ana River	HA						
8-2	Upper Santa Ana Valley	Bunker Hill	HSA	Y-01.E2 134					
8-2	Upper Santa Ana Valley	Redlands	HSA	Y-01.E3 144					
8-2	Upper Santa Ana Valley	Mentone	HSA	Y-01.E4 145					
8-2	Upper Santa Ana Valley	Reservoir	HSA	Y-01.E5 145					
8-2	Upper Santa Ana Valley	Crafton	HSA	Y-01.E6 145					
8-2	Upper Santa Ana Valley	Santa Ana Canyon	HSA	Y-01.E7 145					
8-2	Upper Santa Ana Valley	Mill Creek Canyon	HSA	Y-01.E8 146					
8-2	Upper Santa Ana Valley	Sycamore	HSA	Y-01.E9 146					
		San Timoteo	HA						
8-2	Upper Santa Ana Valley	Yucaipa	HSA	Y-01.F1 147					
8-2	Upper Santa Ana Valley	Deunmont	HSA	Y-01.F2 147					
8-2	Upper Santa Ana Valley	Cherry Valley	HSA	Y-01.F3 147					
8-2	Upper Santa Ana Valley	Chicken Hill	HSA	Y-01.F4 147					
8-2	Upper Santa Ana Valley	Gateway	HSA	Y-01.F5 148					
8-2	Upper Santa Ana Valley	Oak Glenn	HSA	Y-01.F6 148					
8-2	Upper Santa Ana Valley	South Mesa	HSA	Y-01.F7 148					
8-2	Upper Santa Ana Valley	Triple Falls Creek	HSA	Y-01.F8 149					
8-2	Upper Santa Ana Valley	Noble Creek	HSA	Y-01.F9 149					
		SAN JACINTO VALLEY San Jacinto	HU HA						
8-5	San Jacinto Basin	Gilman Hot Spring	HSA	Y-02.B1 150					
		Elsinore Valley	HA						
8-4	Elsinore Basin	Elsinore	HSA	Y-02.C1 150					
		SAN DIEGO SAN JUAN	HU HU						
9-1	San Juan Valley	Laguna Hills	HA						
9-1	San Juan Valley	Aliso	HSA	Z-01.A3 151					
9-1	San Juan Valley	Mission Viejo	HA	Z-01.B 151					
		SANTA MARGARITA Murrieta	HU HA						
9-5	Temecula Valley	French	HSA	Z-02.C3 151					

\*See page 2.

\*\*See Figure 2

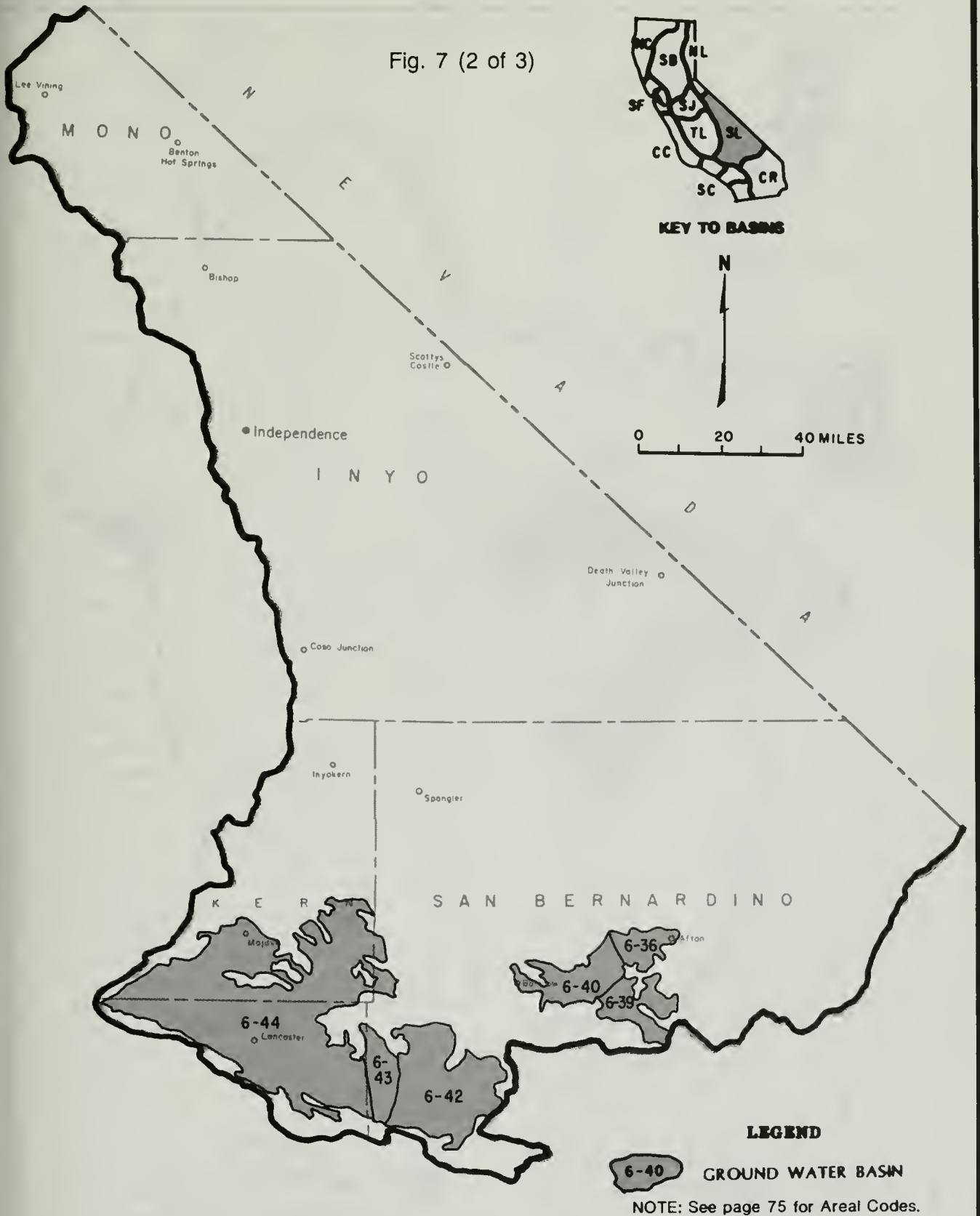
## CONTRIBUTING AGENCIES AND CODE NUMBERS

Agency Number	Agency Name	Agency Number	Agency Name
17	Chino, City	5001	U. S. Bureau of Reclamation
13	San Gabriel Valley Protective Association	5015	U. S. International Boundary and Water Commission
25	Santa Paula Water Works Limited (Limoneira Water Co.)	5050	California Department of Water Resources
29	Pomona City	5060	California Department of Health Services
55	Elsinore Valley municipal Water Dist.	5101	San Bernadino County Flood Control Dist.
30	Western Municipal Water Dist.	5102	Orange County Flood Control Dist.
30	San Bernadino, City	5117	San Luis Obispo County Flood Control and Water Conservation Dist.
58	Rialto, City	5121	Ventura County Flood Control Dist.
30	San Bernadino Valley Water Conservation Dist.	5125	Monte Vista County Water Dist.
74	Santa Barbara, City	5135	Coachella Valley County Water Dist.
47	Gage Canal Company	5202	Oceanside, City
36	Orange, City	5205	Carlsbad Municipal Water Dist.
44	San Bernadino, East, County Water Dist.	5206	Redlands, City
24	San Bernadino, West, County Water Dist.	5208	Riverside, City
11	Colton, City	5229	San Diego, City
05	Upland, City	5272	Corona, City
06	Long Beach, City	5400	Helix Water Dist. (ID)
09	Oxnard, City	5404	Santa Maria Valley Water Conservation Dist.
10	Ansheim, City	5407	Beaumont-Cherry Valley Water Dist. (ID)
26	Julian Community Services Dist.	5411	United Water Conservation Dist.
22	Ramona Municipal Water Dist.	5419	Yucupa Valley County Water Dist.
05	Vista Irrigation Dist.	5711	Escondido Mutual Water Co.
17	Orange County Water Dist.	5713	Rowe, W.P. and Son
01	Corona Foothill Lemon Co.	5717	Temescal Water Co.
02	Cucamonga County Water Dist.	5723	Pine Valley Mutual Water Co.
06	Fontana Union Water Co.	5783	Riverside Highland Water Co.
09	Irvine Co.	5875	Eastern Municipal Water Dist.
42	Yorba Linda County Water Dist.	6100	Sweet Water Authority
48	San Antonio Water Co.	6224	Mesa, South, Mutual Water Co.
76	Southern California Water Co.	8027	Norco, City
85	California Portland Cement Co.	8208	Glenn Avon Heights, Mutual Water Co. of Loma Linda, City
93	Muscoy Water Co.	9263	San Bernadino, South, County Water Dist.
29	Banning Water Co.		
50	Kaiser Industries Corporation		



**Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
CENTRAL COASTAL & SOUTH COASTAL BASINS**

Fig. 7 (2 of 3)



**Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
SOUTH LAHONTAN BASIN**



**Figure 7 LOCATION OF GROUND WATER BASINS-MEASUREMENT  
COLORADO RIVER BASIN**

TABLE D

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-10 T-10.A T-10.A1	CENTRAL COAST HB ESTERO BAY HU CAMBRIA HA SAN CARPOFORO HSA					T-10 T-10.B T-10.B2	CENTRAL COAST HB ESTERO BAY HU POINT RUCHON HA CHORRO HSA				
255/06E-16402 M	30.0	11/01/84 04/19/85	13.5 9.1	16.5 20.9	5117	305/11E-11J01 M	165.0	10/22/84 04/17/85	25.9 22.1	139.1 142.9	5117
T-10.A2	ARROYO DE LA CRUZ HSA					305/11E-12M01 M	180.0	10/22/84 04/17/85	42.7 40.6	137.3 139.4	5117
255/06E-35N01 M	20.0	11/01/84 04/19/85	9.0 10.8	11.0 9.2	5117	305/12E-17001 M	330.0	10/24/84	14.0	316.0	5117
T-10.A3	SAN SIMEON HSA					T-10.B3	LOS OSOS HSA				
275/08E-06601 M	20.0	10/22/84	18.1	1.9	5117	305/10E-13M01 M	14.0	04/18/85	7.1	6.9	5117
275/08E-06602 M	19.5	10/22/84	16.4	3.1	5117	305/10E-13K01 M	68.9	10/16/84 04/18/85	56.8 56.0	10.1 10.9	5117
275/08E-09L01 M	30.0	10/05/84	5.0	25.0	5117	305/10E-13L01 M	39.7	03/18/85	29.0	10.7	5117
275/08E-09P02 M	34.0	10/22/84 04/19/85	11.3 7.6	22.7 26.4	5117	305/10E-13L03 M	25.4	10/16/84	21.0	4.4	5117
275/08E-10G01 M	50.0	10/12/84 04/19/85	32.3 16.6	17.7 33.4	5117	305/10E-13P01 M	78.9	10/16/84 04/17/85	68.9 68.5	10.0 10.4	5117
275/08E-11B01 M	119.5	10/22/84	47.4	72.1	5117	305/10E-13P02 M	113.6	10/16/84	121.6	-7.8	5117
T-10.A4	SANTA ROSA CREEK HSA					305/10E-24A01 M	182.7	04/14/85 09/28/85	156.0 156.0	26.7 26.7	5117
275/08E-24J01 M	82.0	10/18/84 04/19/85	25.9 22.3	56.1 59.7	5117	305/10E-24C01 M	178.3	04/14/85 09/28/85	188.0 191.0	-9.7 -12.7	5117
275/08E-24N01 M	80.0	10/18/84 04/19/85	19.2 13.8	60.8 66.2	5117	305/11E-07N01 M	9.1	10/19/84 04/18/85 08/30/85	11.6 8.5 3.0	-2.5 .6 6.1	5117
275/08E-26C05 M	40.0	10/06/84 04/03/85	28.1 17.4	11.9 22.6	5117	305/11E-07D01 M	24.1	10/19/84	4.7	19.4	5117
275/08E-26001 M	32.5	10/09/84 04/03/85	28.7 15.1	3.8 17.4	5117	305/11E-08J01 M	15.0	10/17/84	5.2	9.8	5117
T-10.A5	VILLA HSA					305/11E-08M02 M	89.3	10/16/84	61.6	27.7	5117
285/09E-10K01 M	199.0	10/18/84 04/19/85	20.0 14.0	179.0 185.0	5117	305/11E-08R01 M	14.6	10/16/84 04/18/85	6.5 5.4	8.1 9.2	5117
285/09E-23001 M	160.0	10/18/84 04/19/85	16.4 14.4	143.6 145.6	5117	305/11E-17A01 M	21.5	10/18/84	16.1	5.4	5117
285/09E-23E03 M	80.0	10/18/84 04/19/85	24.3 22.5	55.7 57.5	5117	305/11E-17E01 M	107.4	10/17/84	86.8	20.6	5117
T-10.A8	TORO HSA					305/11E-17E04 M	107.0	10/17/84	84.3	22.7	5117
295/10E-01P01 M	130.0	04/19/85	14.3	115.7	5117	305/11E-17F02 M	81.8	04/18/85	57.5	24.3	5117
T-10.B T-10.B1	POINT RUCHON HA CHORRO HSA					305/11E-17F04 M	78.2	10/17/84 04/18/85	44.6 33.4	31.6 32.8	5117
295/10E-24R02 M	59.5	04/19/85	22.8	36.7	5117	305/11E-17H02 M	38.6	10/16/84 04/18/85	18.9 10.8	21.7 27.8	5117
295/10E-25C01 M	29.0	10/12/84	23.0	6.0	5117	305/11E-18F01 M	100.9	10/19/84	107.0	-6.1	5117
295/10E-25C02 M	20.1	10/12/84 04/19/85	35.5 17.5	-15.4 2.6	5117	305/11E-18H01 M	120.0	10/19/84	95.2	24.8	5117
295/10E-25C03 M	20.0	04/19/85	16.0	4.0	5117	305/11E-18H02 M	106.7	10/17/84 04/18/85	64.1 63.8	42.6 42.9	5117
295/10E-25C04 M	40.0	10/12/84 04/19/85	17.5 12.5	22.5 27.5	5117	305/11E-18H03 M	104.7	10/18/84 04/17/85	56.0 55.4	48.7 49.3	5117
295/10E-25E02 M	20.0	10/12/84 04/19/85	32.0 12.0	-12.0 8.0	5117	305/11E-18J03 M	108.2	10/17/84 04/18/85	54.3 55.7	53.9 52.5	5117
295/10E-25F05 M	20.0	10/12/84	35.5	-15.5	5117	305/11E-18K01 M	135.7	10/19/84	124.1	11.6	5117
295/11E-17A01 M	210.0	04/19/85	18.5	191.5	5117	305/11E-18K02 M	117.6	10/18/84 04/18/85	103.7 103.9	13.9 13.7	5117
295/11E-17A02 M	219.0	04/19/85	31.3	187.7	5117	305/11E-18K03 M	121.2	04/14/85 09/28/85	98.0 105.0	23.2 16.2	5117
295/11E-17A03 M	219.0	04/19/85	34.2	184.8	5117	305/11E-18K04 M	115.2	04/14/85 09/28/85	103.0 105.0	12.2 10.2	5117
295/11E-19P01 M	78.1	04/19/85	40.1	38.0	5117	305/11E-18M01 M	109.5	10/19/84	112.4	-2.9	5117
T-10.B2	CHORRO HSA					305/11E-18M01 M	102.2	10/19/84 04/17/85	75.2 75.7	27.0 26.5	5117
295/11E-19J01 M	120.0	04/19/85	11.8	108.2	5117	305/11E-18R01 M	132.8	10/18/84	41.2	91.6	5117
295/11E-32F01 M	22.0	04/17/85	2.9	19.1	5117	305/11E-20A01 M	80.9	10/16/84	26.8	54.1	5117
295/11E-32J01 M	32.0	10/12/84	17.5	14.5	5117	305/11E-20A02 M	78.9	10/16/84	21.4	55.5	5117
295/11E-32J02 M	34.6	04/17/85	17.9	16.7	5117	305/11E-20A04 M	82.6	10/16/84	24.8	58.0	5117
295/11E-32J04 M	30.0	10/12/84 04/19/85	17.0 9.0	13.0 21.0	5117	305/11E-20R01 M	87.8	10/16/84 04/18/85	53.4 37.1	34.4 30.7	5117
295/11E-32J06 M	38.0	10/12/84	20.0	18.0	5117	305/11E-20M01 M	85.5	10/18/84 04/18/85	19.9 10.3	65.6 75.2	5117
295/11E-32J08 M	37.5	10/12/84	19.5	18.0	5117	305/11E-21E04 M	78.0	10/16/84	22.0	56.0	5117
295/11E-33E02 M	45.0	04/17/85	23.2	21.8	5117	T-10.B4	SAN LUIS DRISPO CREEK HSA				
295/11E-33N01 M	40.0	04/17/85	9.2	30.8	5117	305/12E-32J01 M	128.7	10/19/84 04/02/85	12.8 9.5	115.9 119.2	5117
305/11E-03001 M	75.0	10/12/84 04/19/85 04/20/85	27.0 20.0 21.0	48.0 55.0 54.0	5117	315/12E-03P02 M	125.0	10/19/84 04/02/85	8.1 6.6	116.9 118.4	5117
305/11E-03D02 M	75.0	10/12/84 04/19/85	27.0 21.0	48.0 54.0	5117						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-10 T-10.8 T-10.84	CENTRAL COAST M8 ESTERO BAY MU POINT OUCHON MA SAN LUIS 0815PO CREEK MSA					T-10 T-10.C T-10.C1	CENTRAL COAST M8 ESTERO BAY MU ARROYO GRANDE MA OCEANO MSA				
315/12E-10F03 M	119.0	10/19/84 04/02/85	4.4 1.3	110.6 113.7	5117	325/13E-23F01 M	161.2	10/04/84 10/20/84 04/05/85	20.5 23.1 23.6	140.7 138.1 138.6	5117
315/12E-10G02 M	125.0	10/19/84 04/02/85	19.5 12.5	105.5 112.5	5117	325/13E-23H07 M	140.0	10/04/84 04/05/85	34.8 30.9	103.2 109.1	5117
315/12E-12E03 F	165.0	10/19/84 04/03/85	21.7 16.0	143.3 149.0	5117	325/13E-28G01 M	86.2	10/04/84 04/05/85	35.5 38.3	50.7 47.9	5117
315/12E-12003 M	200.0	10/19/84 04/02/85	38.4 37.4	161.6 162.6	5117	325/13E-28L01 M	90.0	04/09/85	86.2	3.8	5117
315/12E-13J01 M	200.0	09/21/85	31.0	169.0	5117	325/13E-28002 M	72.9	10/04/84 04/08/85	52.5 45.0	20.4 27.9	5117
315/12E-14C01 M	135.0	04/02/85	13.9	121.1	5117	325/13E-28006 M	75.0	04/08/85	45.0	30.0	5117
315/13E-10J02 M	240.0	10/22/84 04/03/85	19.4 15.6	220.6 224.4	5117	325/13E-29801 M	81.4	10/04/84	73.0	8.4	5117
315/13E-10J03 M	260.0	04/03/85	12.0	248.0	5117	325/13E-29C02 M	71.6	10/04/84	77.8	-6.2	5117
315/13E-18M01 M	192.0	09/21/85	47.0	145.0	5117	325/13E-29E01 M	50.0	10/04/84 04/09/85	43.9 42.5	6.1 7.5	5117
315/13E-18R01 M	240.0	10/22/84 04/03/85	24.9 18.2	215.1 223.8	5117	325/13E-29F01 M	75.0	10/05/84	68.2	6.8	5117
315/13E-19801 M	240.0	10/22/84 04/03/85	31.1 40.0	188.9 200.0	5117	325/13E-29G01 M	86.0	10/05/84 04/09/85	68.8 71.9	17.2 14.1	5117
T-10.86	PISMO MSA					325/13E-29G02 M	86.0	04/09/85	73.8	12.2	5117
315/13E-16M01 M	324.5	10/22/84 04/03/85	45.4 38.6	279.1 285.9	5117	325/13E-29G03 M	100.0	10/05/84 04/09/85	79.6 70.8	20.4 29.2	5117
315/13E-17004 M	350.0	10/29/84 04/03/85	20.7 35.8	329.3 314.2	5117	325/13E-29G14 M	81.0	10/05/84 04/09/85	72.5 78.8	8.5 2.2	5117
315/13E-19A03 M	249.0	10/22/84 04/03/85	37.4 29.5	211.6 219.5	5117	325/13E-29J02 M	82.6	10/04/84	73.4	9.2	5117
315/13E-19M01 M	262.0	10/19/84 04/03/85	18.9 18.7	243.1 243.3	5117	325/13E-29M04 M	61.2	10/04/84	45.8	15.4	5117
315/13E-19L01 M	245.0	09/21/85	61.0	184.0	5117	325/13E-30F01 M	20.0	10/15/84 10/28/84 04/22/85	11.3 10.1 11.1	8.7 9.9 8.9	5117
315/13E-20G01 M	275.0	10/22/84 04/03/85	21.4 22.2	253.6 252.8	5117	325/13E-30F02 M	30.0	10/15/84 04/22/85	11.5 11.8	18.5 18.2	5117
315/13E-20K01 M	275.0	10/22/84 04/03/85	26.1 20.7	248.9 254.3	5117	325/13E-30F03 M	30.0	10/15/84 04/22/85	16.9 12.0	13.1 18.0	5117
315/13E-27D03 M	300.0	10/22/84 04/03/85	13.6 12.9	286.4 287.1	5117	325/13E-30K04 M	30.0	10/03/84 04/11/85	16.8 16.0	13.2 14.0	5117
315/13E-27M01 M	288.0	10/22/84 04/03/85	7.7 11.8	280.3 276.4	5117	325/13E-30K11 M	29.2	10/03/84 04/11/85	21.8 21.2	7.4 8.0	5117
315/13E-27M02 M	280.0	04/03/85	14.0	266.0	5117	325/13E-30M01 M	30.0	10/24/84 04/22/85	6.0 5.4	24.0 24.6	5117
315/13E-29C01 M	255.0	10/29/84 04/03/85	12.7 11.0	242.3 243.2	5117	325/13E-30M02 M	30.0	10/24/84 04/22/85	3.4 .1	26.6 29.9	5117
325/12E-24801 M	10.0	10/29/84 04/22/85	2.1 2.1	7.9 7.9	5117	325/13E-30M03 M	30.0	10/24/84 04/22/85	5.7 4.8	24.3 25.2	5117
325/12E-24802 M	10.0	10/29/84 04/22/85	3.3 3.3	6.7 6.7	5117	325/13E-30P02 M	28.3	10/03/84	21.2	7.1	5117
325/12E-24803 M	10.0	10/29/84 04/22/85	1.7 .4	8.3 9.6	5117	325/13E-30P02 M	46.5	10/03/84 04/11/85	35.5 39.0	8.0 7.5	5117
T-10.C T-10.C1	ARROYO GRANDE MA OCEANO MSA					325/13E-31G01 M	12.0	10/03/84 04/22/85	3.6 4.3	8.4 7.3	5117
315/13E-36R01 M	305.0	10/03/84	22.1	372.9	5117	325/13E-31M07 M	19.0	10/03/84 04/11/85	9.6 8.2	9.4 10.8	5117
315/14E-32G03 M	365.5	10/03/84 04/04/85	29.2 43.0	336.3 322.5	5117	325/13E-32803 M	70.0	10/04/84 10/30/84 04/09/85	58.2 60.9 57.0	11.8 9.1 13.0	5117
315/14E-32M03 M	365.0	10/03/84 04/04/85 09/30/85	25.0 33.3 25.2	340.0 329.7 339.8	5117	325/13E-32003 M	81.4	10/13/84 04/09/85	64.7 73.0	12.7 8.4	5117
325/13E-12C03 M	271.0	04/04/85 09/30/85	26.6 35.8	244.4 235.2	5117	325/13E-32J02 M	39.9	10/03/84 04/11/85	33.9 29.1	6.0 10.8	5117
325/13E-12F04 M	250.0	10/04/84 09/04/85 09/30/85	35.9 20.1 25.7	214.1 229.9 224.3	5117	325/13E-32L07 M	20.0	10/03/84 04/11/85	15.6 13.4	4.4 8.6	5117
325/13E-12M01 M	231.0	10/04/84 04/05/85 07/22/85 09/30/85	25.9 23.2 25.7 24.8	205.1 207.8 205.3 206.2	5117	325/13E-32M03 M	20.0	10/05/84 04/08/85	15.2 8.7	4.8 11.3	5117
325/13E-12003 M	237.3	10/04/84 07/22/85 09/30/85	35.0 42.0 38.4	202.5 195.5 199.1	5117	325/13E-33A05 M	80.0	04/08/85	10.3	69.7	5117
325/13E-13D04 M	224.0	10/13/84 07/22/85	88.8 41.3	155.2 182.7	5117	325/13E-33C04 M	61.5	10/05/84 04/08/85	47.6 47.5	13.9 14.0	5117
325/13E-14002 M	174.0	10/04/84 04/05/85	37.6 31.3	136.4 122.7	5117	325/13E-33F01 M	44.0	10/05/84 04/08/85	31.5 27.4	16.5 20.6	5117
325/13E-14R01 M	200.0	04/05/85	41.0	159.0	5117	325/13E-33K03 M	52.3	10/05/84 04/08/85	42.8 35.7	9.7 16.6	5117
325/13E-23C01 M	185.0	10/04/84 04/05/85	30.8 25.0	154.2 160.0	5117	12N/35W-28J02 S	180.0	04/08/85	52.3	127.7	5117
						12N/35W-29L01 S	40.0	10/09/84 10/19/84	27.7 22.1	12.3 17.9	5117

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-10 T-10.C T-10.C1	CENTRAL COAST NB ESTERO BAY NU ARROYO GRANDE NA OCEANO HSA					T T-10 T-10.C T-10.C2	CENTRAL COAST NB ESTERO BAY NU ARROYO GRANDE NA NIPOMO MESA HSA				
12N/35W-29N01 S	35.0	10/15/84 10/18/84 04/08/85	16.9 17.6 13.4	18.1 17.4 21.6	5117	12N/35W-33002 S	339.0	10/09/84 04/15/85	181.9 181.2	157.1 157.8	5117
12N/35W-30K02 S	27.5	10/18/84 04/08/85	14.3 14.2	13.2 13.3	5117	12N/35W-34G08 S	189.0	10/05/84	34.7	154.3	5117
12N/35W-30K03 S	30.0	10/15/84 04/08/85	13.0 8.4	17.0 21.6	5117						
12N/35W-30M02 S	21.8	04/08/85	8.5	13.3	5117						
12N/35W-30P02 S	26.0	04/08/85	8.5	17.5	5117						
12N/35W-34C03 S	158.0	04/08/85	22.4	135.6	5117						
12N/35W-34G06 S	198.0	10/05/84 04/08/85	31.3 24.0	166.7 174.0	5117						
T-10.C2	NIPOMO MESA HSA										
11N/34W-17804 S	325.0	04/18/85	26.9	298.1	5117						
11N/34W-18P01 S	295.0	04/17/85	326.0	-31.0	5117						
11N/34W-19001 S	305.0	10/12/84 04/18/85	254.1 239.4	50.9 65.6	5117						
11N/35W-02F01 S	380.0	10/09/84 04/11/85	333.9 332.6	46.1 47.4	5117						
11N/35W-02G01 S	399.5	10/09/84 04/11/85	93.1 91.5	306.4 308.0	5117						
11N/35W-02G02 S	399.5	10/09/84 04/04/85 04/11/85	223.0 232.9 232.7	176.5 166.6 166.8	5117						
11N/35W-02M01 S	248.0	10/01/84 04/17/85	227.8 217.7	20.2 30.3	5117						
11N/35W-05G01 S	209.0	10/10/84	115.5	93.5	5117						
11N/35W-05G02 S	210.0	10/10/84 04/15/85	118.9 108.9	91.1 101.1	5117						
11N/35W-05L01 S	108.0	10/10/84	108.1	-0.1	5117						
11N/35W-05M02 S	99.5	10/10/84 04/16/85	107.6 97.8	-8.1 1.7	5117						
11N/35W-05R01 S	100.0	04/15/85	116.5	-16.5	5117						
11N/35W-08J01 S	100.0	10/10/84 04/15/85	74.7 73.5	25.3 26.5	5117						
11N/35W-07401 S	100.0	10/10/84	89.9	10.1	5117						
11N/35W-09K04 S	182.0	10/10/84 04/16/85	163.9 165.5	18.1 16.5	5117						
11N/35W-10R01 S	277.0	10/12/84 04/17/85	175.8 186.0	101.2 91.0	5117						
11N/35W-11801 S	385.0	10/12/84 04/17/85	337.0 319.0	48.0 66.0	5117						
11N/35W-11C01 S	267.0	10/12/84 04/17/85	239.5 242.9	27.5 24.1	5117						
11N/35W-11J01 S	352.0	10/12/84 04/17/85	292.3 287.2	59.7 64.8	5117						
11N/35W-12E02 S	360.0	10/12/84 11/20/84	331.7 326.4	28.3 33.6	5117						
11N/35W-13C01 S	345.0	10/12/84	288.1	56.9	5117						
11N/35W-13E02 S	305.0	10/12/84 04/17/85	249.1 248.0	55.9 57.0	5117						
11N/35W-13E03 S	305.0	10/12/84	239.4	65.6	5117						
11N/35W-16801 S	193.0	10/10/84 04/16/85	190.6 200.0	2.4 -7.0	5117						
11N/35W-17E01 S	89.0	10/15/84 04/15/85	60.5 62.0	28.5 27.0	5117						
11N/35W-24001 S	321.0	10/12/84 04/17/85	190.4 198.6	130.6 122.4	5117						
12N/35W-32G01 S	153.0	10/15/84 04/12/85	177.9 171.7	-24.9 -18.7	5117						
12N/35W-32J02 S	245.0	10/28/84 04/12/85	170.8 170.7	74.2 74.3	5117						
12N/35W-33E01 S	258.5	10/09/84 04/16/85	135.7 135.7	122.8 122.8	5117						
12N/35W-33J02 S	300.0	10/09/84 04/12/85	184.8 250.7	115.2 49.3	5117						
12N/35W-33L01 S	304.5	10/09/84 04/12/85	284.9 278.9	19.6 25.6	5117						
12N/35W-33M01 S	246.0	10/09/84 04/12/85	256.5 249.2	-10.5 -3.2	5117						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-11	CENTRAL COAST NB CARRIZO PLAIN HU					T T-12 T-12.A	CENTRAL COAST NB SANTA MARIA HU GUADALUPE MA				
295/17E-13R02 M	2037.9	09/03/85	78.8(1)	1959.1	5117	10N/33W-18G01 S	273.0	10/01/84 01/02/85 04/01/85	64.0 70.0 75.0	205.0 203.0 198.0	5404
295/18E-28G01 M	2022.0	10/26/84 05/03/85	34.0 34.0	1988.0 1988.0	5117	10N/33W-19G01 S	275.0	10/01/84 01/02/85 04/01/85	70.0 74.4 79.2	205.0 200.6 195.8	5404
295/18E-28K01 M	2020.0	10/26/84 05/03/85	21.6 25.2	1998.4 1994.8	5117	10N/33W-27G01 S	336.0	10/01/84 01/02/85 04/31/85	42.0 45.5 62.0	296.0 292.5 276.0	5404
305/18E-01B02 M	2020.0	10/26/84	38.7	1981.3	5117	10N/33W-28A01 S	325.0	10/01/84 01/02/85 04/01/85	43.0 49.3 54.7	282.0 275.7 270.3	5404
303/18E-02M01 M	1984.0	10/26/84	10.5	1973.5	5117	10N/33W-30G01 S	320.0	10/01/84 01/02/85 04/01/85	168.0 170.4 172.5	152.0 149.6 147.5	5404
303/18E-03D01 M	2000.0	10/26/84	12.8	1987.2	5117	10N/33W-30M01 S	310.0	10/01/84 01/02/85 04/01/85	54.4 55.5 56.7	259.6 254.9 253.3	5404
305/18E-12M01 M	1970.0	10/26/84	6.8	1963.5	5117	10N/33W-30M01 S	310.0	10/01/84 01/02/85 04/01/85	178.0 180.9 181.4	132.0 129.1 128.6	5404
303/19E-29M02 M	1943.0	10/26/84	9.5	1933.5	5117	10N/33W-30R01 S	310.0	10/01/84 01/02/85 04/01/85	138.7 139.8 140.0	171.3 170.2 170.0	5404
313/21E-31B01 M	1994.0	10/26/84	36.4	1957.6	5117	10N/34W-02R01 S	230.0	10/01/84 01/02/85 04/01/85	94.3 97.5 99.5	135.7 132.5 130.5	5404
325/20E-12F01 M	1955.0	10/26/84	31.2	1923.8	5117	10N/34W-06M01 S	192.0	10/01/84 01/02/85 04/01/85	63.6 64.0 64.5	88.2 88.0 87.5	5404
325/20E-23F01 M	2310.0	10/26/84	20.2	2289.8	5117	10N/34W-09L02 S	189.0	10/01/84 01/02/85 04/01/85	74.2 73.5 73.0	114.8 115.5 114.0	5404
323/20E-23M01 M	2170.0	10/26/84	14.9	2154.1	5117	10N/34W-22R01 S	217.0	10/01/84 01/02/85 04/01/85	90.0 89.0 88.5	127.0 128.0 128.1	5404
325/21E-23L02 M	2034.0	10/26/84	68.1	1965.9	5117	10N/34W-23M01 S	242.0	10/01/84 01/02/85 04/01/85	117.0 117.0 116.4	125.0 125.0 123.6	5404
325/21E-35C01 M	2133.5	10/26/84	160.5	1973.0	5117	10N/34W-24K02 S	244.0	10/01/84 01/02/85 04/01/85	126.2 129.0 133.5	117.8 115.0 110.5	5404
						10N/34W-24K03 S	254.0	10/01/84 01/02/85 04/01/85	139.0 138.4 136.2	115.0 115.6 117.8	5404
						10N/35W-06A01 S	72.0	10/15/84 04/19/85	7.3 6.0	64.7 66.0	5117
						10N/35W-06A02 S	72.0	10/15/84 04/19/85	7.7 6.2	64.3 65.8	5117
						10N/35W-06A03 S	72.0	10/15/84 04/19/85	17.7 11.6	54.3 60.4	5117
						10N/35W-09F01 S	88.0	10/01/84 01/02/85 04/01/85	34.8 34.2 34.5	93.2 93.8 93.5	5404
						10N/35W-12M01 S	138.0	10/01/84 01/02/85 04/01/85	73.6 72.7 70.0	64.4 65.3 68.0	5404
						10N/35W-21B01 S	94.0	10/01/84 01/02/85 04/01/85	66.3 66.3 66.4	27.7 27.7 27.2	5404
						10N/35W-24B01 S	145.0	10/01/84 01/02/85 04/01/85	66.0 66.0 65.6	79.0 79.0 79.4	5404
						10N/36W-01M01 S	139.2	10/15/84 04/19/85	117.8 104.9	21.4 34.3	5117
						10N/36W-02C07 S	10.0	10/29/84	5.9	4.1	5117
						11N/34W-05K01 S	378.0	10/12/84	26.3	391.7	5117
						11N/34W-08R01 S	340.0	10/11/84 04/18/85	29.7 30.4	310.3 309.6	5117
						11N/34W-09P01 S	375.0	10/12/84 04/18/85	92.4 88.0	282.6 287.0	5117
						11N/34W-27O01 S	295.0	10/12/84 04/18/85	108.7 109.9	186.3 186.1	5117
						11N/34W-27E01 S	303.5	10/12/84	178.9	124.7	5117
						11N/34W-30O02 S	145.0	10/10/84 04/19/85	90.7 79.5	54.3 65.5	5117
						11N/34W-30O01 S		10/01/84 04/01/85	NH-7 NH-7		5404

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
T 7-12 7-12.A	CENTRAL COAST NB SANTA MARIA HU GUADALUPE HA					T 7-14 7-14.A	CENTRAL COAST NB SANTA YNEZ HU LOMPOC NA					
11N/35W-19C02 S	37.0	10/10/84 04/19/85	4.6 4.0	32.4 33.0	5117	06N/34W-04G04 S	97.5	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	46.5 46.5 46.3 46.2 46.4 46.7 47.3 48.3 49.1 49.2 49.9 50.5	51.0 51.0 51.2 51.3 51.1 50.6 50.2 49.2 48.4 48.3 47.6 47.0	5001	
11N/35W-19E02 S	34.0	10/27/84	7.4	26.6	5117							
11N/35W-20E01 S		10/01/84 04/01/85	NM-7 NM-7		5404							
11N/35W-21K01 S	40.0	04/19/85	41.0	39.0	5117							
11N/35W-26M02 S	106.0	04/18/85	40.0	66.0	5117							
11N/35W-28F02 S	80.0	10/15/84 04/19/85	12.3 13.1	67.7 66.9	5117	07N/34W-22F02 S	89.9	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	41.5 41.2 40.8 40.6 40.5 40.9 41.7 42.0 42.4 42.8 43.6 43.7	48.4 48.7 49.1 49.3 49.4 49.0 48.2 47.9 47.3 47.1 46.3 46.2	5001	
11N/35W-28M01 S	77.0	10/01/84 01/02/85 04/01/85	23.5 25.0 25.5	53.5 52.0 51.5	5404							
11N/35W-33G01 S	90.0	10/01/84 10/10/84 01/02/85 04/01/85 04/18/85	26.3 36.8 34.0 35.9 36.0	63.7 53.2 56.0 54.7 54.0	5404 5117 5404 5117							
11N/35W-35A01 S	123.0	10/01/84 01/02/85 04/01/85	48.0 48.0 47.5	75.0 75.0 75.5	5404	07N/34W-22M06 S	100.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	38.9 39.2 41.2 38.4 NM-1 38.0 NM-1 40.6 44.2 44.7 41.4 41.7	61.1 60.8 58.6 61.6 62.0 59.4 55.8 55.3 56.8 56.3	5001	
11N/36W-13K02 S	25.0	10/15/84	21.0	4.0	5117							
11N/36W-13K03 S	25.0	10/15/84	19.7	5.3	5117							
11N/36W-13K04 S	25.0	10/15/84	19.9	5.1	5117							
11N/36W-13K05 S	25.0	10/15/84	15.9	9.1	5117							
11N/36W-13K06 S	25.0	10/15/84	15.9	9.1	5117							
11N/36W-35J06 S	30.0	10/29/84	5.5	24.5	5117	07N/34W-23L01 S	103.4	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 06/01/85 06/27/85 07/25/85 08/29/85 09/28/85	48.5 48.1 46.6 46.9 45.6 47.2 NM-1 47.3 50.4 50.9 50.5 50.4	54.9 55.3 56.8 56.5 56.8 56.2 56.1 53.0 52.5 52.9 53.0	5001	
T-12.B	5750UOC NA											
09N/32W-07N01 S	422.0	10/01/84 01/02/85 04/01/85	70.7 70.5 74.5	351.3 351.5 347.5	5404							
09N/33W-02A01 S	378.7	10/01/84 01/02/85 04/01/85	59.5 61.9 64.0	319.2 316.8 314.7	5404							
T-12.C	CUYAMA VALLEY NA											
07N/23W-16R01 S	3725.0	10/16/84 04/10/85	24.0 26.6	3701.0 3698.4	5121	07N/34W-25001 S	127.3	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	71.2 69.4 68.6 68.0 67.9 69.2 70.6 74.0(2) 71.6 75.7(2) 73.2(6) 72.4	56.1 57.9 58.7 59.3 59.4 58.1 56.7 53.3 55.7 51.6 54.1 54.9	5001	
07N/24W-13C02 S	3416.0	10/15/84 04/10/85	21.7 21.7	3396.3 3396.3	5121							
08N/24W-08L01 S	3050.0	10/15/84 04/10/85	82.8 92.4	2967.2 2957.6	5121							
						07N/34W-25F01 S	136.6	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/26/85 07/25/85 08/29/85 09/28/85	79.2 78.1 80.0 76.8 76.4 78.7 80.5 79.4(2) 84.4 82.6 81.4 81.1	57.4 58.5 56.6 59.8 60.2 57.9 56.1 57.2 52.2 54.0 55.2 55.5	5001	
						07N/34W-25P01 S	119.2	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/26/85 07/25/85 08/29/85 09/28/85	56.3 56.4 56.3 56.1 55.9 58.3 59.0(2) 58.3 58.3 61.5(2) 60.1	62.9 62.8 62.9 63.1 63.3 60.9 60.2 60.9 59.7 57.7 59.1	5001	
						07N/34W-26F07 S	112.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/25/85 08/29/85 09/28/85	55.6 54.4 54.3 53.7 53.0 53.2 NM-1 54.9 NM-1 NM-1 NM-1 59.1	56.4 57.6 57.7 58.3 59.0 58.8 57.1 52.9	5001	
						07N/34W-26M02 S	109.8	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85	52.0 49.7 50.0 50.0 48.7	57.8 60.1 59.8 59.8 61.1	5001	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-14 T-14.A	CENTRAL COAST M8 SANTA YNEZ HU LOMPOC HA					T-14 T-14.A	CENTRAL COAST M8 SANTA YNEZ HU LOMPOC HA				
07N/34W-26H02 S	109.8	03/28/83 04/27/83 03/30/83 06/27/83 07/23/83 08/29/83 09/28/83	NH-1 33.4 30.1 NM-1 34.4 34.4 34.0	56.4 59.7	5001	07N/34W-34F06 S	119.3	08/27/85 09/28/85	76.0(3) 55.0(3)	43.3 64.3	5001
07N/34W-26H03 S	112.9	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	34.3 32.9 32.4 32.0 31.8 32.3 33.4 34.3 34.8 36.0 36.3 36.3	58.6 60.0 60.5 60.9 61.1 60.6 59.5 58.6 58.1 56.9 56.6 56.5	5001	07N/34W-34R01 S	118.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	49.4 48.7 48.5 49.1 49.4 49.5 49.8 51.9 51.2 51.3 51.5 51.9	68.6 69.3 69.5 68.9 68.6 68.5 68.2 66.1 66.8 66.7 66.3	5001
07N/34W-26H05 S	91.0	10/26/84 11/27/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	31.0 49.3 49.1 47.4 43.9 45.9 37.3 30.6 30.9 36.6 32.8 39.6	40.0 41.3 41.9 43.6 45.1 45.1 33.5 40.4 40.1 34.4 38.2 31.4	5001	07N/34W-35K09 S	101.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	30.5 30.2 21.6 19.9 20.1 20.1 19.9 20.6 23.3 27.8 29.8 31.3 32.4	70.5 70.8 79.4 81.1 80.9 81.1 80.4 75.7 73.2 71.2 69.7 68.6	5001
07N/34W-27F04 S	96.7	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	48.4 46.8 48.0 44.1 44.8 43.6 45.8 47.8 NM-1 49.3 32.6 32.4	48.3 49.9 48.7 52.6 51.9 53.1 38.9 48.9 47.4 44.1 44.3	5001	T-14.B	SANTA RITA HA				
07N/34W-27F05 S	92.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	46.2(5) 46.2(5) 45.2(5) 46.2(5) 44.2(5) 44.2(5) 43.2(5) 43.2(5) 43.2(5) 46.2(5) 48.2(5) 50.2(5) 30.2(5)	45.8 49.8 46.8 49.8 47.6 47.8 48.8 46.8 43.8 43.8 41.8 41.8	5001	06N/32W-16K01 S	260.2	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/23/85 04/23/85 05/29/85 06/23/85 06/23/85 07/23/85 08/26/85 09/26/85	13.4 8.0 7.1 7.2 7.1 6.9 7.3 10.6 11.2 11.9 11.8 14.4	246.8 252.2 253.1 253.0 253.1 253.3 252.9 249.6 249.0 248.3 246.4 245.8	5001
07N/34W-27F06 S	98.5	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	NH-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1	46.5	5001	06N/32W-17E02 S		10/25/84 11/27/84	NH-4 NH-0		5001
07N/34W-27F07 S	111.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	NH-1 47.3(5) 42.3(5) NM-1 NM-7 38.3(5) NM-1 44.3(5) NM-1 NM-1 51.5(5) NM-1	63.5 68.5 72.5 66.5 59.5	5001	06N/32W-17J02 S	256.0	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/23/85 07/24/85 08/27/85 09/27/85	12.2 11.6 10.2 10.3 10.1 10.3 10.4 10.7 11.3 11.8 12.5 13.1	243.8 244.4 245.8 245.7 245.9 245.7 245.6 245.3 244.7 244.2 243.5 242.9	5003
07N/34W-27F08 S	92.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	46.2(5) 46.2(5) 45.2(5) 46.2(5) 44.2(5) 44.2(5) 43.2(5) 43.2(5) 43.2(5) 46.2(5) 48.2(5) 50.2(5) 30.2(5)	45.8 49.8 46.8 49.8 47.6 47.8 48.8 46.8 43.8 43.8 41.8 41.8	5001	06N/32W-18C02 S	237.7	10/25/84 11/27/84 12/26/84 01/24/85 02/26/85 03/26/85 04/26/85 05/29/85 06/23/85 07/24/85 08/27/85 09/27/85	14.1 15.8 13.9 14.2 14.1 14.7 15.2 NM-1 NM-1 15.4 16.3 17.5	233.2 233.5 235.5 235.1 235.2 234.6 234.1	5001
07N/34W-34A05 S	111.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	NH-1 47.3(5) 42.3(5) NM-1 NM-7 38.3(5) NM-1 44.3(5) NM-1 NM-1 51.5(5) NM-1	63.5 68.5 72.5 66.5 59.5	5001	06N/33W-06K01 S		10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/23/85 07/24/85 08/27/85 09/27/85	NH-7 NM-7 NM-7 NM-0 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		5001
07N/34W-34B01 S	102.0	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	NH-1 34.7(5) NM-1 50.7(5) 49.7(5) 48.7(5) NM-1 31.7(5) NM-1 37.7(5) NM-1 NM-1	47.3 31.3 32.3 53.3 50.3 44.3	5001	06N/33W-07A01 S	182.0	10/29/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/28/85 07/24/85 08/27/85 09/27/85	52.3 52.0 47.7 47.5 47.4 47.6 47.8 49.0 49.5 50.4 51.4 52.8	129.7 130.0 134.3 134.5 134.6 134.4 134.2 133.0 132.4 131.6 130.6 129.2	5001
07N/34W-34F06 S	119.3	10/26/84 11/28/84 12/27/84 01/29/85 02/28/85 03/28/85 04/27/85 05/30/85 06/27/85 07/23/85 08/29/85 09/28/85	31.0(5) 40.1(5) 30.1(5) 48.1(5) 47.1(5) 30.1(5) 48.1(5) 40.1(5) 48.1(5) 33.0(5) 33.0(5) 34.0(5)	68.5 70.4 69.4 71.4 72.4 69.4 71.4 66.5 66.5 66.5 65.5	5001	06N/33W-07E01 S	130.2	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85	21.9 21.3 19.9 17.3 17.4	108.3 108.9 110.9 112.9 112.8	5001

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-14 T-14.8	CENTRAL COAST MB SANTA YNEZ HU SANTA RITA MA					T T-14 T-14.8	CENTRAL COAST MB SANTA YNEZ HU SANTA RITA MA				
06N/33W-07E01 S	130.2	03/26/85 04/26/85 05/30/85	17.6 17.7 NM-6	112.6 112.5	5001	06N/34W-01R01 S	139.8	11/26/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	27.9 25.2 23.7 23.7 23.7 23.5 25.2	111.9 114.6 116.1 116.1 116.1 116.3 114.6	5001
06N/33W-08E02 S	179.0	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	33.9 30.9 26.3 26.4 26.2 NM-1 NM-1 30.1	141.1 144.1 148.9 148.6 148.8	5001	06N/34W-02A06 S	129.8	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	42.4 42.4 39.6 39.5 39.4 39.4 NM-1 NM-1	87.4 87.4 90.2 90.3 90.4 90.4 90.7	5001
06N/33W-08G02 S	198.3	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	47.8 47.0 44.5 43.7 43.7 43.6 43.6 44.6	150.3 151.3 153.8 154.6 154.6 154.7 154.5 153.7	5001	06N/34W-12C01 S	153.4	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85	45.4 42.6 42.3 48.4(2) 43.4 48.3(2) 42.7 49.4(2)	108.0 110.6 111.1 109.0 110.0 109.1 110.7 104.0	5001
06N/33W-08J01 S	200.5	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	43.8 43.1 40.9 40.1 40.1 40.3 40.7 42.8 42.3 43.0 44.7 45.6	156.7 157.4 159.6 160.4 160.4 160.2 159.8 157.7 158.2 157.5 159.8 154.9	5001	T-14.C BUELLTON MA					
06N/33W-09001 S	219.6	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	52.2 52.4 49.1 51.7 50.7 50.2 51.0 51.8 52.3 52.7 53.1 53.7	163.4 163.2 166.3 163.9 164.9 165.4 164.6 163.8 163.3 162.9 162.5 161.9	5001	06N/31W-17T001 S	340.6	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/25/85 04/25/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	24.4 22.3 20.7 20.3 20.1 20.3 22.6 24.9 27.2 30.1 NM-1 26.0	316.2 318.3 319.9 320.3 320.5 320.3 317.8 315.7 313.4 310.3 312.6	5001
06N/33W-10M01 S	225.0	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	44.5 43.2 43.6 43.9 43.9 43.8 44.0 42.0 42.7 NM-1 43.3 43.4	180.5 181.8 181.2 181.1 181.1 181.2 181.0 183.0 182.3 181.7 181.6	5001	06N/31W-17N02 S	347.0	10/23/84 11/26/84 12/24/84 01/24/85 02/25/85 03/25/85 04/25/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	25.8 25.2 23.3 22.4 24.1 23.7 NM-1 27.6 26.1 NM-1 26.4 25.6	321.2 321.6 323.7 324.6 322.9 323.3 319.4 320.9 320.6 320.6 321.4	5001
06N/33W-11M01 S	203.8	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/29/85 06/26/85 07/24/85 08/27/85 09/27/85	12.6 12.4 10.1 10.3 NM-1 10.0 10.3 NM-1 11.7 11.2 14.2 13.5	191.2 191.4 193.7 193.9 193.8 193.9 193.8 193.9 192.1 190.6 189.6 190.3	5001	06N/31W-17R01 S	364.2	10/23/84 11/26/84 12/24/84 01/24/85 02/25/85 03/25/85 04/25/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	32.0 26.7 29.7 29.8 27.7 27.6 29.5 33.4(4) 32.3 36.2 32.0 32.3	332.2 335.9 334.5 334.4 336.5 336.4 334.7 330.8 331.9 326.0 332.2 331.9	5001
06N/33W-12L01 S	223.9	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	20.0 19.9 17.2 16.4 16.4 16.7 16.4 16.1 18.6 19.7 20.1 20.9	203.9 203.6 206.3 207.1 207.1 206.8 207.1 205.4 204.9 203.6 203.4 202.6	5001	06N/31W-18G01 S	334.3	10/23/84 11/26/84 12/24/84 01/24/85 02/25/85 03/25/85 04/25/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	25.0 23.1 19.4 19.0 18.9 18.9 19.0 21.3 20.5 25.1 24.3 26.3	309.3 311.2 314.9 315.3 315.4 313.4 314.5 313.0 313.8 309.2 310.0 307.8	5001
06N/34W-01G02 S	116.7	10/25/84 11/27/84 12/26/84 01/28/85 02/26/85 03/26/85 04/26/85 05/30/85 06/26/85 07/24/85 08/27/85 09/27/85	11.5 10.6 10.2 10.0 10.0 9.0 10.3 10.6 11.0 11.7 12.2 12.6	105.2 106.1 106.5 106.7 106.7 107.7 108.4 106.1 105.7 105.0 104.5 104.1	5001	06N/32W-09G01 S	305.0	10/23/84 11/26/84 12/24/84 01/24/85 02/23/85 03/25/85 04/25/85 05/29/85 06/24/85 07/23/85 08/26/85 09/26/85	36.7 34.1 33.8 33.6 33.7 34.4 36.1 36.4 37.2 37.4 37.5	268.3 270.9 271.2 271.4 271.3 270.6 268.9 268.6 267.6 267.6 267.9	5001
06N/34W-01R01 S	139.8	10/25/84	26.2	111.6	5001	06N/32W-09J03 S	277.5	10/23/84 11/27/84 12/26/84 01/24/85	12.6 12.4 11.8 12.0	264.9 263.1 263.7 263.9	5001

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T-14 T-14.C	CENTRAL COAST HB SANTA YNEZ HU BUELLTON HA					T-14 T-14.O	CENTRAL COAST HB SANTA YNEZ HU LOS OLIVOS HA				
06N/32W-09J03 S	277.5	02/25/85	11.8	265.7	5001	06N/30W-20H02 S	476.4	05/28/85	9.9(2)	466.6	5001
		03/23/85	12.0	265.5				06/24/85	12.3	464.1	
		04/26/85	13.0	264.5				07/23/85	16.5(2)	459.9	
		05/29/85	12.4	265.1				08/26/85	10.6(2)	465.8	
		06/25/85	14.1	263.4				09/26/85	8.3	468.1	
		07/23/85	14.2	263.3							
		08/26/85	14.2	263.3		06N/30W-21B02 S	498.7	10/23/84	12.2	486.5	5001
		09/26/85	13.3	264.2				11/26/84	9.6	489.1	
06N/32W-10J01 S	317.2	10/25/84	33.6	281.6	5001			12/24/84	8.2	490.9	
		11/27/84	33.3	281.9				01/24/85	9.6	489.1	
		12/26/84	34.0	283.2				02/25/85	9.3	489.4	
		01/28/85	33.7	283.5				03/25/85	NH-1		
		02/26/85	33.6	283.6				04/25/85	NH-1		
		03/26/85	33.7	283.5				05/28/85	NH-1		
		04/26/85	34.0	283.2				06/24/85	9.8	488.9	
		05/29/85	33.2	282.0				07/23/85	13.0	483.7	
		06/27/85	33.6	281.6				08/26/85	NH-1		
		07/23/85	36.3	280.9				09/26/85	8.8	489.9	
		08/27/85	36.4	280.8		06N/30W-21E01 S	490.7	10/23/84	16.7	474.0	5001
		09/26/85	36.4	280.8				11/26/84	13.4	475.3	
06N/32W-11001 S	298.5	10/23/84	14.1	284.4	5001			12/24/84	15.2	475.5	
		11/26/84	13.7	284.8				01/24/85	15.1	475.6	
		12/24/84	13.0	285.5				02/25/85	15.0	475.7	
		01/24/85	12.7	285.8				03/25/85	15.8	474.9	
		02/25/85	12.6	285.9				04/25/85	18.2	472.5	
		03/25/85	12.6	285.9				05/28/85	21.9	468.8	
		04/25/85	13.0	285.5				06/24/85	16.7	474.0	
		05/29/85	13.7	284.8				07/23/85	21.4	469.3	
		06/25/85	14.7	283.8				08/26/85	15.1	475.6	
		07/23/85	14.7	283.8				09/26/85	17.1	473.6	
		08/26/85	NH-1			06N/30W-24E03 S	550.4	10/24/84	24.3	526.1	5001
		09/26/85	15.1	283.4				11/26/84	19.4	531.0	
06N/32W-11L02 S	300.3	10/25/84	9.8	290.5	5001			12/23/84	18.9	531.5	
		11/27/84	9.5	290.8				01/24/85	19.4	531.0	
		12/26/84	8.9	291.4				02/25/85	18.8	531.6	
		01/28/85	8.7	291.6				03/25/85	22.5	527.9	
		02/26/85	9.4(6)	290.9				04/22/85	32.6	517.8	
		03/26/85	12.0(6)	288.3				05/28/85	23.0	527.4	
		04/26/85	8.9	291.4				06/24/85	25.7	524.7	
		05/29/85	NH-1					07/23/85	32.1(2)	515.3	
		06/27/85	11.0	289.3				08/26/85	24.7(2)	525.7	
		07/23/85	NH-1					09/26/85	18.5	531.9	
		08/27/85	12.2	286.1		06N/30W-29E01 S	465.0	10/23/84	19.2	445.8	5001
		09/26/85	12.4	287.9				11/26/84	21.0	444.0	
06N/32W-12P08 S	300.0	10/23/84	17.9	282.1	5001			12/24/84	21.7	443.3	
		11/26/84	14.6	285.4				01/24/85	21.9	443.1	
		12/24/84	12.7	287.3				02/25/85	22.3	442.7	
		01/24/85	12.8	287.2				03/25/85	22.7	442.3	
		02/25/85	12.6	287.4				04/25/85	23.1	441.9	
		03/25/85	12.5	287.5				05/28/85	23.9	441.1	
		04/25/85	12.8	287.2				06/24/85	19.1	445.9	
		05/29/85	NH-1					07/23/85	21.4	443.6	
		06/25/85	17.1	282.9				08/26/85	16.9	448.1	
		07/23/85	18.5	281.5				09/26/85	19.0	446.0	
		08/26/85	17.7	282.3		06N/31W-22F01 S	400.0	10/23/84	11.9	388.1	5001
		09/26/85	18.3	281.7				11/26/84	7.5	392.5	
06N/32W-12Q01 S		10/23/84	ORY		5001			12/24/84	7.7	392.3	
		11/26/84	ORY					01/24/85	7.4	392.6	
		12/24/84	12.3	305.4				02/25/85	7.7	392.3	
		01/24/85	12.9	304.8				03/25/85	8.2	391.8	
		02/25/85	12.7	305.0				04/25/85	10.0	390.0	
		03/25/85	12.7	305.0				05/28/85	14.9	385.1	
		04/25/85	12.8	304.9				06/24/85	1.2	396.8	
		05/29/85	ORY					07/23/85	11.9	386.1	
		06/25/85	ORY					08/26/85	11.0	389.0	
		07/23/85	ORY					09/26/85	10.5	389.5	
		08/26/85	ORY			06N/31W-23L01 S	418.5	08/26/85	12.0	406.5	5001
		09/26/85	ORY					09/26/85	12.2	406.3	
07N/34W-26B04 S	108.4	10/26/84	52.2	56.2	5001	06N/31W-24F01 S	429.0	10/23/84	13.6	415.4	5001
		11/28/84	50.8	57.6				11/26/84	12.4	416.6	
		12/27/84	51.3	57.1				12/24/84	10.3	418.7	
		01/29/85	50.1	58.3				01/24/85	9.6	419.4	
		02/28/85	50.4	58.0				02/25/85	10.1	418.9	
		03/28/85	50.5	57.9				03/25/85	9.6(4)	419.4	
		04/27/85	53.7	54.7				04/25/85	NH-1		
		05/30/85	51.6	56.8				05/28/85	14.6	414.4	
		06/27/85	53.1	55.3				06/24/85	NH-1		
		07/23/85	53.7	55.7				07/23/85	12.4	416.6	
		08/26/85	54.0	54.4				08/26/85	NH-1		
		09/26/85	53.8	54.6				09/26/85	NH-1		
T-14.O	LOS OLIVOS HA					06N/31W-24K01 S	427.0	10/23/84	4.4	422.6	5001
06N/30W-19Q02 S	458.3	10/23/84	12.7	445.6	5001			11/26/84	3.8	423.2	
		11/26/84	10.9	447.4				12/24/84	2.7	424.3	
		12/24/84	10.3	448.0				01/24/85	3.1	423.9	
		01/24/85	10.7	447.6				02/25/85	3.0	424.0	
		02/25/85	10.6	447.7				03/25/85	3.2	423.8	
		03/25/85	11.0	447.3				04/25/85	4.7	422.3	
		04/25/85	13.7	444.6				05/28/85	8.2	418.8	
		05/28/85	17.8	440.5				06/24/85	4.8	422.2	
		06/24/85	13.9	444.4				07/23/85	5.9	421.1	
		07/23/85	15.2	443.1				08/26/85	4.3	422.7	
		08/26/85	12.6	445.7				09/26/85	3.9	423.1	
		09/26/85	12.3	446.0		06N/30W-20H02 S	476.4	10/23/84	10.9	465.5	5001
								11/26/84	12.3	464.1	
								12/24/84	11.2	465.2	
								01/24/85	12.3	464.1	
								02/25/85	12.1	464.3	
								03/25/85	13.2	463.2	
								04/25/85	17.2	459.2	

TABLE 0 (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
T T-15 T-15.8 T-15.82	CENTRAL COAST HB SOUTH COAST HU COAL OIL POINT HA SANTA BARBARA NSA					T T-15 T-15.8 T-15.82	CENTRAL COAST HB SOUTH COAST HU COAL OIL POINT HA SANTA BARBARA NSA				
04N/27W-09G01 5	395.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	87.5 88.3 78.3 88.8 89.0 88.9 88.6 89.4 89.9 90.3 97.6 92.6	307.5 306.7 316.7 306.2 306.0 306.1 306.4 305.6 305.1 304.7 297.4 302.4	3774	04N/27W-22B05 5	20.0	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	75.0 60.4 59.8 50.1 14.9 14.7 21.4 61.8 61.4 60.4	-55.0 -40.4 -39.8 -30.1 5.1 3.3 -1.4 -41.8 -41.4 -40.4	3774
04N/27W-13B01 5	35.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.6 30.9 30.9 31.2 31.6 31.5 30.0 31.4 30.6 30.7 31.4 31.4	4.4 4.1 4.1 3.6 3.4 3.5 5.0 3.6 4.4 4.3 3.6 3.6	3774	04N/27W-23F01 5	4.0	10/01/84 11/01/84 12/03/84	4.7 2.6 2.7	-6.7 1.4 1.3	3774
04N/27W-24B01 5	75.0	10/01/84 11/01/84 12/03/84	83.5 84.3 84.3	-8.5 -9.5 -9.3	3774						
04N/27W-14P01 5	18.0	11/01/84 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	38.2 50.6 23.7 24.0 29.1 51.0 56.2 57.4	-20.2 -32.6 -5.7 -6.0 -11.1 -53.0 -38.2 -39.4	3774						
04N/27W-14B01 5	21.3	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	32.7 35.3 36.4 36.5 36.0 35.8 24.7 23.4 30.2 36.9 35.4	-11.4 -14.0 -13.1 -15.2 -14.7 -34.5 -3.4 -2.1 -8.9 -15.6 -14.1	3774						
04N/27W-15E01 5	145.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	114.3 110.6 113.4 114.2 114.2 114.0 107.3 105.3 110.1 114.3 115.7	30.7 34.4 31.6 30.8 30.8 31.0 37.7 39.7 34.9 30.7 29.3	3774						
04N/27W-15J02 5	11.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	26.2 NN-1 NN-1 NN-1 40.4 11.4 12.2 NN-1 NN-1 49.5 NN-1	-15.2    -29.4 -4 -1.2  -36.5	3774						
04N/27W-22B02 5	20.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.3 64.4 58.3 59.0 39.6 18.0 9.2 23.5 65.8 50.1 61.4	-3.3 -44.4 -38.3 -39.0 -19.6 2.0 10.8 -3.3 -45.8 -30.1 -41.4	3774						
04N/27W-22B03 5	20.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	73.9 24.3 68.4 43.9 43.7 36.4 12.8 9.8 13.0 61.0 41.8 42.7	-53.5 -4.3 -48.4 -23.9 -23.7 -16.4 7.2 10.2 5.0 -41.0 -21.8 -22.7	3774						
04N/27W-22B04 5	20.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	33.2 84.0 61.5 39.8 49.7 24.9 14.4 21.3 74.1 61.2 60.4	-13.2 -64.0 -41.5 -39.8 -29.7 -4.9 5.6 -1.3 -54.1 -41.2 -40.4	3774						
04N/27W-22B05 5	20.0	11/01/84	33.7	-13.7	3774						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-02 U-02.8	LOS ANGELES HQ VENTURA RIVER HU UPPER VENTURA RIVER HA					U U-02 U-02.8	LOS ANGELES HQ VENTURA RIVER HU UPPER VENTURA RIVER HA				
03N/23W-05B01 S	291.9	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	37.6 36.2 34.8 31.7 35.9 37.4	254.3 255.7 257.1 260.2 256.0 254.5	5121	04N/23W-20002 S	425.6	06/14/85 07/26/85	12.6 18.2	413.0 407.4	5121
03N/23W-06K01 S	298.8	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	18.1 17.3 17.4 16.9 17.6 18.0	280.7 281.5 281.4 281.9 281.2 280.8	5121	04N/23W-28G01 S	402.2	10/08/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	16.2 13.9 13.8 11.4 15.9 19.6	386.0 388.7 388.4 390.8 386.4 382.6	5121
03N/23W-08B02 S	246.2	10/12/84 12/07/84 02/07/85 04/08/85 06/14/85 08/02/85	18.6 18.9 13.4 12.3 16.9 17.0	227.6 229.3 232.8 233.9 229.3 229.2	5121	04N/23W-29F02 S	394.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	40.4 44.9 14.5 15.3 21.2 28.1	353.7 349.2 379.8 378.8 372.9 366.0	5121
03N/23W-08B07 S	239.6	10/08/84 12/10/84 02/06/85 04/02/85 06/12/85 07/29/85	22.1 17.9 16.3 13.0 17.6 20.0	217.5 221.7 223.1 224.6 222.0 219.6	5121	04N/23W-29H04 S	446.7	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/26/85	75.7 75.8 81.3 78.4 69.6 73.5	371.0 370.9 385.4 368.3 381.1 372.9	5121
04N/23W-02K01 S	869.5	10/09/84 12/10/84 02/08/85 04/04/85 06/14/85 07/30/85	1.7 .3 .6 1.0 1.6 1.9	867.8 869.2 868.9 868.5 867.9 867.6	5121	04N/23W-29L01 S	372.0	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	26.8 32.8 8.6 8.9 12.1 16.5	343.2 339.2 363.4 363.1 359.9 355.5	5121
04N/23W-03H01 S	759.4	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/29/85	95.4 94.5 89.0 90.1 93.2 96.1	664.0 664.9 670.4 669.3 688.2 683.3	5121	04N/23W-33H03 S	531.4	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/26/85	12.9 13.0 12.7 11.9 12.8 14.7	318.5 318.4 318.7 319.5 318.6 316.7	5121
04N/23W-04J01 S	700.0	10/08/84 11/27/84 02/07/85 04/03/85 06/12/85 07/29/85	49.7 41.0 31.9 36.2 48.2 52.6	650.3 659.0 668.1 663.8 651.8 647.4	5121	04N/24W-13J04 S	629.8	10/08/84 11/27/84 02/08/85 04/02/85 06/12/85 07/29/85	11.7 9.7 6.9 7.0 8.6 11.0	614.1 616.1 618.9 618.8 617.2 614.8	5121
04N/23W-09B01 S	658.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	56.9 40.0 18.0 21.5 38.1 63.7	601.2 616.1 640.1 636.6 620.0 594.4	5121	04N/24W-13N01 S	640.4	10/08/84 11/27/84 02/08/85 04/02/85 06/12/85 07/29/85	.3 .3 FLOW FLOW .5 1.2	640.1 640.1 639.9 639.2	5121
04N/23W-11001 S	780.9	10/08/84 11/27/84 02/07/85 04/03/85 06/12/85 07/29/85	37.2 38.0 36.2 36.2 37.1 37.9	743.7 742.9 744.7 744.7 743.8 743.0	5121	05N/23W-33B03 S	816.8	10/08/84 11/27/84 02/08/85 04/03/85 06/12/85 07/29/85	13.4 11.1 10.3 11.0 16.0 11.7	803.4 805.7 806.5 805.8 800.8 805.1	5121
04N/23W-15A02 S	679.9	10/08/84 11/27/84 02/07/85 04/03/85 06/20/85 07/29/85	89.4 88.6 92.3 87.8 NM-1 91.4	590.5 591.3 587.6 592.1 588.5	5121	05N/23W-33G01 S	806.4	10/10/84 11/27/84 02/08/85 04/03/85 06/12/85 07/29/85	NM-1 10.3 7.9 6.8 NM-1 9.0	796.1 796.3 796.8 797.4	5121
04N/23W-16C04 S	557.3	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	47.9 46.1 23.7 24.6 41.4 49.1	509.4 511.2 533.6 532.7 515.9 508.2	5121	U-02.C U-02.C1	OJAI HA UPPER OJAI H54				
04N/23W-16P01 S	619.1	10/08/84 11/27/84 02/07/85 04/02/85 06/12/85 07/29/85	67.0 69.4 67.4 71.0 67.8 68.2	552.1 549.7 551.7 548.1 551.3 550.9	5121	04N/22W-09002 S	1278.8	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	19.4 19.4 19.8 20.0 20.6 21.0	1259.4 1259.0 1259.0 1258.8 1258.2 1257.8	5121
04N/23W-18G01 S	673.1	10/08/84 11/27/84 02/06/85 04/02/85 06/12/85 07/29/85	23.1 23.6 22.8 22.4 23.8 24.5	650.0 649.5 650.3 650.7 649.3 648.6	5121	04N/22W-10K02 S	1324.9	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	19.0 19.0 18.4 18.4 18.4 18.9	1305.9 1305.9 1306.5 1306.5 1306.5 1306.0	5121
04N/23W-20A01 S	488.5	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	26.9 26.1 7.6 9.9 19.8 25.6	461.6 462.4 480.9 478.6 468.7 462.9	5121	04N/22W-11P02 S	1418.9	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	14.4 13.8 11.7 11.7 13.2 15.9	1404.5 1405.1 1407.2 1407.2 1405.7 1403.0	5121
04N/23W-20J02 S	456.1	10/10/84 11/21/84 02/08/85 04/05/85 06/14/85 07/26/85	37.2 NM-7 15.5 17.3 23.1 32.2	418.9 440.6 438.8 431.0 423.9	5121	U-02.C2	OJAI VALLEY H5A				
04N/23W-20002 S	425.6	10/10/84 11/21/84 02/08/85 04/05/85	23.1 23.0 4.7 6.1	402.5 402.6 420.9 419.5	5121	04N/22W-03E02 S	1211.4	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	138.7 138.8 134.9 139.5 148.4 143.1	1072.7 1072.6 1076.5 1071.9 1065.0 1068.3	5121
						04N/22W-04001 S	1040.0	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	88.3 89.0 79.9 82.6 88.2 89.4	951.7 951.0 980.1 987.4 951.8 950.6	5121
						04N/22W-05003 S	805.5	10/09/84 12/10/84 02/07/85	142.2 134.4 120.7	753.3 761.1 774.8	5121

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-02 U-02.C U-02.C2	LOS ANGELES HS VENTURA RIVER HU OJAI HA OJAI VALLEY H54					U U-02 U-02.C U-02.C2	LOS ANGELES HS VENTURA RIVER HU OJAI HA OJAI VALLEY H54				
04N/22W-05003 S	895.5	04/04/85 06/14/85 07/30/85	126.7 141.5 150.0	768.8 754.0 745.5	5121	05N/22W-92J01 S	1162.6	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	36.3 36.1 36.0 34.7 35.3 35.3	1126.3 1126.5 1126.6 1127.9 1127.3 1127.3	5121
04N/22W-05N04 S	949.3	10/09/84 12/06/84 02/07/85 04/04/85 06/14/85 07/30/85	184.6 180.6 172.7 167.7 181.6 190.0	764.7 768.7 776.6 781.6 767.7 759.3	5121						
04N/22W-05L08 S	890.7	10/09/84 12/10/84 02/07/85 04/04/85 06/14/85 07/30/85	135.7 126.1 112.9 116.6 130.3 140.1	755.0 764.6 777.8 774.1 760.4 750.6	5121						
04N/22W-05H01 S	842.4	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	91.2 81.5 69.1 73.6 95.3 105.7	751.2 760.9 773.5 768.8 747.1 738.7	5121						
04N/22W-06001 S	844.7	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	82.2 74.1 63.5 63.8 79.3 93.1	762.5 770.6 781.2 780.9 765.4 751.6	5121						
04N/22W-06K03 S	801.1	10/07/84 12/10/84 01/28/85 04/04/85 05/28/85 07/28/85	89.3 51.1 48.3 62.3 77.3 88.3	711.8 750.0 752.8 738.8 723.8 712.8	5121						
04N/22W-06H01 S	794.4	10/09/84 12/10/84 02/07/85 04/04/85 06/17/85 07/30/85	48.3 37.9 27.4 29.7 47.2 52.9	746.1 756.5 767.0 764.7 747.2 741.5	5121						
04N/22W-07A01 S	798.5	10/16/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	66.2 49.9 42.2 47.1 70.3 77.7	732.3 748.6 756.3 751.4 728.2 720.8	5121						
04N/22W-07R02 S	772.6	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	42.1 26.2 15.8 26.3 41.8 52.5	730.5 746.4 756.8 746.3 730.8 720.1	5121						
04N/22W-07805 S	786.0	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	38.3 37.6 30.0 30.6 36.4 41.8	747.7 748.4 756.0 755.4 749.6 744.2	5121						
04N/22W-07C05 S	763.4	10/16/84 11/27/84 02/07/85 04/08/85 06/20/85 07/29/85	NM-1 19.3 9.7 NM-1 54.4 69.2	744.1 753.7 709.0 694.2	5121						
04N/22W-07601 S	769.0	10/09/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	21.6 21.6 15.1 15.2 30.1 24.7	747.4 747.4 753.9 753.8 738.9 744.3	5121						
04N/22W-08802 S	868.7	10/09/84 12/06/84 02/07/85 04/03/85 06/14/85 07/30/85	107.4 102.0 89.9 93.2 104.1 111.7	761.3 766.7 778.8 775.5 764.6 757.0	5121						
04N/23W-01K02 S	786.4	10/09/84 12/10/84 02/07/85 04/04/85 06/14/85 07/30/85	13.3 13.8 12.1 11.6 13.4 15.2	773.1 772.6 774.3 774.8 773.0 771.2	5121						
04N/23W-12801 S		10/09/84 12/10/84 02/08/85 04/04/85 06/14/85 07/30/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
04N/23W-14H03 S	540.2	10/08/84 11/27/84 02/07/85 04/03/85 06/13/85 07/29/85	11.7 11.6 11.5 11.3 11.7 11.8	528.5 528.6 528.7 528.9 528.5 528.4	5121						

### GROUND WATER LEVELS AT WELLS

92

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.A U-03.A1	LOS ANGELES M8 SANTA CLARA-CALLEGAUS HU OXNARD PLAIN H4 OXNARD H54					U U-03 U-03.A U-03.A1	LOS ANGELES M8 SANTA CLARA-CALLEGAUS HU OXNARD PLAIN H4 OXNARD H54				
01N/22W-04F04 5	47.1	01/14/85 04/01/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/06/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 09/13/85 09/19/85	16.6 21.8 20.6 21.6 22.6 25.6 25.6 30.8 28.6 26.6 26.6 28.6 28.6 28.6 28.6 32.8 37.6 38.6	30.5 25.3 26.5 23.5 24.5 21.5 21.5 16.3 18.5 20.5 20.5 18.5 18.5 18.5 14.3 9.5 8.5	4209 5121 4209	01N/22W-13002 5	41.7	10/04/84 12/24/84 02/12/85 04/11/85 06/11/85 08/12/85	47.6 19.0 19.3 NN-1 40.4 41.3	-5.9 22.7 22.4	5121
						01N/22W-13K02 5	36.0	10/04/84 12/24/84 02/12/85 04/05/85 06/11/85 07/30/85	61.9 32.7 30.5 43.1 57.0 52.2	-25.9 3.3 5.9 -7.1 -21.0 -16.2	5121
						01N/22W-13N01 5	51.3	10/04/84 12/24/84 02/12/85 04/05/85 06/11/85 08/06/85	34.8 14.9 15.4 30.7 33.6 33.4	-3.5 16.4 15.9 .6 -2.3 -2.1	5121
01N/22W-09602 5	32.4	12/06/84 02/05/85 04/01/85 06/06/85 07/30/85	4.1 3.6 9.1 18.7 14.8	28.3 26.8 23.3 13.7 17.6	5121	01N/22W-14K03 5	32.9	10/04/84 12/26/84 02/12/85 04/05/85 06/11/85 07/30/85	30.6 9.6 8.7 27.4 26.6 24.4	2.3 23.3 24.2 5.5 6.3 8.5	5121
01N/22W-10802 5	50.0	10/03/84 10/18/84 10/25/84 11/01/84 11/08/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/09/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/08/85 09/06/85 09/13/85 09/19/85 09/26/85	41.0 43.0 43.0 43.0 44.0 42.0 43.0 42.0 40.0 40.0 41.0 41.0 39.0 37.0 56.0 35.0 39.0 36.0 41.0 45.0 46.0 46.0 46.0 51.0 54.0 55.0 55.0 49.0 48.0 49.0 47.0 48.0 39.0 35.0 63.0 62.0 62.0 65.0	9.0 7.0 7.0 6.0 7.0 7.0 8.0 10.0 10.0 9.0 9.0 11.0 13.0 -6.0 15.0 11.0 14.0 9.0 5.0 4.0 2.0 -1.0 -4.0 -5.0 -5.0 1.0 2.0 1.0 3.0 2.0 -5.0 -13.0 -15.0 -12.0 -12.0 -15.0	4209	01N/22W-14802 5	32.9	10/26/84 11/30/84 02/19/85 04/08/85 07/17/85 07/24/85 08/14/85 09/11/85	34.7 21.4 19.8 27.4 33.0 30.3 35.6 41.5	-1.8 11.5 13.1 5.5 1.9 2.6 -4.9 -8.6	5411
						01N/22W-16E01 5	20.3	10/26/84 11/29/84 12/06/84 12/31/84 02/05/85 02/14/85 03/14/85 04/03/85 04/08/85 06/06/85 06/14/85 07/31/85 08/27/85	7.3 -5 FLOW -3.9 FLOW -3.1 -1.1 2.7 1.4 8.7 7.7 6.7 10.5	13.0 20.8	5121 5411 5121 5411 5121 5411
						01N/22W-17801 5		10/26/84 11/29/84 12/06/84 12/31/84 02/05/85 02/14/85 03/14/85 04/03/85 04/08/85 06/06/85 06/14/85 07/31/85 08/27/85	NN-9 FLOW .4 FLOW FLOW FLOW 2.4 FLOW 9.9 10.0 13.2	5411	
01N/22W-10803 5	44.0	10/03/84 10/18/84 10/25/84 11/01/84 11/08/84 11/15/84 12/03/84 12/06/84 12/20/84 12/27/84 01/03/85 01/24/85 01/31/85 02/07/85 02/14/85 02/19/85 02/21/85 02/28/85 03/07/85 03/14/85 04/11/85 04/18/85 04/25/85 05/09/85 05/30/85 06/07/85 06/14/85 06/20/85 06/28/85 07/11/85 07/18/85 07/26/85 08/01/85 08/29/85 09/06/85 09/13/85 09/19/85 09/26/85	29.0 30.0 31.0 31.0 32.0 26.0 24.0 24.0 23.0 22.0 22.0 24.0 23.0 23.0 22.0 21.0 22.0 22.0 22.0 23.0 24.0 29.0 29.0 31.0 34.0 35.0 36.0 36.0 33.0 33.0 33.0 34.0 34.0 35.0 42.0 43.0 42.0 44.0	15.0 14.0 13.0 13.0 12.0 18.0 20.0 20.0 21.0 22.0 22.0 20.0 23.0 23.0 22.0 23.0 22.0 22.0 23.0 24.0 29.0 29.0 31.0 34.0 35.0 36.0 36.0 33.0 33.0 33.0 34.0 34.0 35.0 42.0 43.0 42.0 44.0	4209	01N/22W-17002 5		10/26/84 11/29/84 12/31/84 02/14/85 03/14/85 04/08/85 06/14/85 08/27/85	FLOW FLOW FLOW FLOW FLOW FLOW FLOW NN-1	5411	
						01N/22W-17M03 5	9.0	10/26/84 11/29/84 12/06/84 12/31/84 02/05/85 02/14/85 03/14/85 04/03/85 04/08/85 06/06/85 06/14/85 07/31/85 08/27/85	-5.2 -12.6 FLOW -15.5 FLOW -13.7 -11.8 FLOW -9.9 FLOW -4.0 FLOW -1.0	14.2 21.6	5411 5121 5411 5121 5411 5121 5121 5411 5121 5121 5121 5411
						01N/22W-20N02 5		12/06/84 02/05/85 04/03/85 06/06/85 07/31/85	FLOW FLOW FLOW FLOW FLOW	5121	
						01N/22W-21803 5	18.0	12/24/84 02/05/85 04/08/85 06/06/85 07/31/85	3.7 FLOW 6.7 14.9 14.9	14.3 11.3 3.1 3.1	5121
						01N/22W-22J07 5	17.0	12/06/84 02/05/85 03/26/85 06/06/85 07/31/85	8.0 5.4 8.6 7.5 15.1	9.0 11.6 8.4 9.5 1.9	5121
01N/22W-30J01 5	46.0	10/04/84 12/24/84 02/12/85 04/05/85 06/12/85 07/30/85	28.0 12.9 12.0 23.3 27.0 26.2	14.0 33.1 34.0 22.7 19.0 19.8	5121	01N/22W-22J08 5	17.0	12/06/84 02/05/85 03/26/85 06/06/85	6.9 4.7 7.8 16.1	10.1 12.3 9.2 9.9	5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.A U-03.A1	LOS ANGELES HR SANTA CLARA-CALLEGUAS MU OXNARD PLAIN HA OXNARD HSA					U U-03 U-03.A U-03.A1	LOS ANGELES HR SANTA CLARA-CALLEGUAS MU OXNARD PLAIN HA OXNARD HSA				
01N/22W-22J08 S	17.0	07/31/85	13.8	3.2	5121	02N/21W-19802 S	100.1	06/17/85 08/08/85	NM-1 47.1	53.0	5121
01N/22W-22M05 S	16.4	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	2.6 -1 3.1 10.7 9.1	13.8 16.5 13.3 5.7 7.3	5121	02N/21W-20F02 S	110.8	11/30/84 01/25/85 03/29/85 06/17/85 07/24/85 09/26/85	85.8 84.9 83.5 NM-7 107.5 103.9	23.0 25.9 27.3	5121
01N/22W-23001 S	18.8	12/06/84 02/12/85 04/03/85 06/06/85 07/31/85	7.8 5.2 10.4 18.7 18.4	11.0 13.6 8.4 -1 2.4	5121	02N/21W-29L03 S	77.0	10/21/84 11/28/84 12/31/84 02/06/85 02/07/85 02/15/85 03/06/85 04/02/85 04/04/85 05/15/85 06/03/85 07/03/85 07/24/85 08/14/85 09/05/85 09/11/85	NM-1 91.3 77.9 NM-1 NM-1 77.1 78.1 NM-1 92.8 NM-1 NM-1 93.2 NM-1 92.6 NM-1	-4.3 -0.9	5411
01N/22W-26K04 S	12.6	12/06/84 02/12/85 03/26/85 06/06/85 08/12/85	35.6 22.7 33.6 31.4 NM-1	-23.0 -10.1 -21.0 -38.8	5121	02N/21W-30P02 S	64.2	11/30/84 02/11/85 04/17/85 06/17/85 08/08/85	15.3 12.2 23.7 NM-1 31.3	48.9 32.0 40.5	5121
01N/22W-26M03 S	11.2	10/22/84 12/06/84 02/12/85 03/26/85 06/06/85 08/12/85	54.7 31.3 18.1 30.5 47.5 NM-1	-43.5 -20.1 -6.9 -19.3 -36.3	5121	02N/21W-31P02 S	36.5	12/24/84 02/12/85 04/09/85 06/12/85 08/06/85	14.9 16.4 27.7 36.3 33.8	41.6 40.1 28.8 20.2 22.7	5121
01N/22W-27804 S	14.0	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	24.6 12.9 20.4 34.4 36.6	-10.6 1.1 -6.4 -20.4 -22.6	5121	02N/21W-31P03 S	57.3	10/22/84 12/26/84 02/12/85 04/09/85 06/12/85 08/06/85	NM-1 NM-1 81.1 88.4 NM-1 107.9	-23.8 -31.1 -50.6	5121
01N/22W-27R01 S	9.0	12/06/84 02/12/85 03/26/85 06/06/85 07/31/85	FLOW FLOW FLOW 3.9 2.4	5.1 6.6	5411	02N/22W-08N01 S	203.8	10/09/84 12/10/84 02/08/85 04/04/85 05/23/85 07/30/85	NM-1 178.5 167.5 167.4 NM-1 181.2	25.3 36.3 36.2	5121
01N/22W-28M03 S	10.0	10/26/84 11/27/84 02/14/85 04/08/85 06/14/85 07/24/85 08/14/85 09/11/85	3.0 -1.5 -3.3 -7 7 NM-9 3.6 4.3	7.0 11.5 13.3 10.7 9.3 5.3	5121	02N/22W-08P01 S	214.6	12/10/84 02/11/85 04/13/85 06/18/85 08/09/85	NM-9 175.9 172.9 188.9 190.9	36.7 41.7 25.7 23.7	5121
01N/22W-36802 S	10.8	10/22/84 12/06/84 02/12/85 04/03/85 06/06/85 07/31/85	NM-1 43.2 NM-1 52.3 67.3 69.9	-34.4 -41.3 -56.3 -59.1	5121	02N/22W-09K03 S	243.9	10/09/84 12/10/84 02/08/85 04/08/85 06/19/85 08/06/85	210.2 208.8 199.9 198.4 207.5(4) NM-1	33.7 35.1 44.0 45.5 36.4	5121
01N/22W-36L01 S	6.9	12/24/84 02/12/85 04/03/85 06/06/85 08/12/85	3.2 3.8 9.2 15.2 NM-1	3.7 3.1 -2.3 -8.3	5121	02N/22W-13G02 S	127.8	10/24/84 11/28/84 01/31/85 04/02/85 06/14/85 07/17/85 07/24/85 08/18/85 09/11/85	NM-1 53.7 47.7 49.2 NM-1 NM-1 NM-1 NM-1 NM-1	74.1 80.1 78.6	5411
02N/21W-06L01 S	149.0	10/26/84 11/27/84 12/26/84 01/31/85 04/02/85 06/14/85 07/24/85 08/14/85 09/11/85	41.6 45.3 26.0 31.3 38.7 51.0 57.8 61.1 65.9	107.4 103.7 123.0 117.7 110.3 98.0 91.2 87.9 83.1	5411	02N/22W-14P02 S	108.0	06/13/85	63.9	44.1	5411
02N/21W-06P01 S	190.1	10/23/84 11/28/84 12/26/84 01/31/85 04/02/85 06/14/85 07/24/85 08/14/85 09/11/85	47.0 50.5 31.1 NM-1 42.1 56.4 63.0 69.6 74.3	103.1 99.6 119.0 108.0 91.7 85.1 80.5 75.8	5411	02N/22W-16K01 S	150.0	10/09/84 12/10/84 02/08/85 04/10/85 06/17/85 08/06/85	114.9 NM-1 111.9 114.3 120.9 NM-1	35.1 34.1 35.7 29.1	5121
02N/21W-07P02 S	140.9	11/29/84 01/31/85 03/22/85 06/17/85 08/08/85	57.0 47.8 57.1 NM-7 85.6	83.9 93.1 83.8	5121	02N/22W-22M01 S	98.7	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/30/85	40.8 50.4 41.3 43.7 57.9 62.6	57.9 48.3 57.4 55.0 40.8 36.1	5121
02N/21W-18H03 S	117.9	11/29/84 01/31/85 04/12/85 06/17/85 08/14/85	37.5 30.8 37.9 30.1 NM-1	80.4 87.1 80.0 67.8	5121	02N/22W-22M04 S	80.4	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/30/85	34.4 36.7 32.2 34.5 44.6 48.8	45.8 43.7 46.2 45.9 35.8 31.6	5121
02N/21W-18H10 S	118.3	10/10/84 11/29/84 01/31/85 04/17/85 06/17/85 08/14/85	NM-1 54.8 48.8 NM-1 NM-1 NM-1	63.5 69.5	5121	02N/22W-23P01 S	109.0	10/03/84 10/19/84 10/31/84 11/21/84 12/23/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85	37.7 48.2 53.4 51.4 40.8 44.9 43.4 41.8 39.3 43.4	71.3 60.1 55.6 57.6 59.2 64.1 65.6 67.2 69.7 65.6	5411
02N/21W-19A03 S	101.9	12/26/84 01/31/85 04/09/85 06/17/85 08/15/85	35.0 36.6 46.4 60.0 66.0	66.9 63.3 55.5 41.9 35.9	5121	02N/21W-19802 S	100.1	11/30/84 01/31/85 04/09/85	29.3 25.1 30.6	70.8 75.0 69.9	5121

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
U-03 U-03.A U-03.A1	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN H4 OXNARD NSA					U-03 U-03.A U-03.A1	LOS ANGELES NB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN H4 OXNARD NSA					
02N/22W-23B01 S	109.0	04/11/85 05/03/85 06/13/85	49.6 55.0 64.7	59.4 54.0 44.3	5411	02N/22W-23K04 S	105.8	01/30/85 02/13/85 02/20/85 03/08/85 03/21/85 04/12/85 05/03/85 06/13/85	69.6 73.6 73.6 70.2 69.7 72.0 72.2 78.8	36.2 32.2 32.2 35.6 36.1 33.8 33.6 27.0	5411	
02N/22W-23B02 S	108.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85	40.9 49.2 54.1 51.7 50.2 47.0 46.4 43.1	67.1 56.8 53.9 56.3 57.8 61.0 61.6 64.9	5411	02N/22W-23K09 S	100.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	37.0 45.0 50.1 48.6 45.0 40.8 39.0 37.2 37.7 39.6 43.3 31.2 59.9	63.0 55.0 49.9 51.4 54.2 59.2 61.0 62.8 62.3 60.4 54.7 48.8 40.1	5411	
02N/22W-23C01 S	107.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	37.1 48.6 53.2 51.8 49.3 45.8 44.9 43.7 41.4 43.7 49.9 55.3 63.8	69.9 58.4 53.8 55.2 57.7 61.2 62.1 63.3 65.4 63.3 57.1 51.7 43.2	5411	02N/22W-24P01 S	93.8	10/10/84 11/30/84 01/31/85 03/22/85 06/17/85 08/14/85	36.9 41.4 35.2 36.9 34.6 NM-9	56.9 52.4 58.6 57.3 39.2	5121	
02N/22W-23C02 S	107.0	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/03/85 06/13/85	42.5 51.1 55.8 52.6 51.2 48.6 47.9 45.9 NM-9 36.6 65.1	64.3 55.9 51.2 54.4 53.8 58.4 59.1 61.1 50.4 41.9	5411	02N/22W-26E01 S	85.7	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/31/85	33.3 39.4 33.1 35.6 48.4 51.5	50.4 46.3 52.6 50.1 37.3 34.2	5121	
02N/22W-23C03 S	107.0	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	55.6 55.4 55.9 56.7 58.3 59.4 58.5 59.1 58.8 56.7 59.6 57.5 56.8 56.3 56.1 56.2 54.7 53.2 54.1 52.8 33.3 56.0 38.9 66.3	51.4 51.6 51.1 50.3 48.7 47.6 48.5 47.9 48.2 50.3 48.4 49.5 50.2 50.7 50.9 50.8 52.3 53.8 52.9 54.2 53.7 51.0 48.1 40.7	5411	02N/22W-27F04 S	75.2	10/09/84 12/10/84 02/08/85 04/04/85 06/17/85 07/30/85	32.8 33.1 29.7 31.3 42.5 43.2	42.4 42.1 45.5 43.9 32.7 32.0	5121	
02N/22W-23C03 S	107.0	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	55.6 55.4 55.9 56.7 58.3 59.4 58.5 59.1 58.8 56.7 59.6 57.5 56.8 56.3 56.1 56.2 54.7 53.2 54.1 52.8 33.3 56.0 38.9 66.3	51.4 51.6 51.1 50.3 48.7 47.6 48.5 47.9 48.2 50.3 48.4 49.5 50.2 50.7 50.9 50.8 52.3 53.8 52.9 54.2 53.7 51.0 48.1 40.7	5411	02N/22W-28L01 S	66.4	12/24/84 02/05/85 04/01/85 06/08/85 07/30/85	23.4 23.2 26.5 38.5 36.4	43.0 43.2 39.9 27.9 30.0	5121	
02N/22W-23C03 S	107.0	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	55.6 55.4 55.9 56.7 58.3 59.4 58.5 59.1 58.8 56.7 59.6 57.5 56.8 56.3 56.1 56.2 54.7 53.2 54.1 52.8 33.3 56.0 38.9 66.3	51.4 51.6 51.1 50.3 48.7 47.6 48.5 47.9 48.2 50.3 48.4 49.5 50.2 50.7 50.9 50.8 52.3 53.8 52.9 54.2 53.7 51.0 48.1 40.7	5411	02N/22W-31A01 S	41.7	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	10.6 12.0 16.1 30.3 23.0	31.1 29.7 23.6 11.4 18.7	5121	
02N/22W-23C03 S	107.0	10/03/84 10/12/84 10/19/84 10/24/84 10/31/84 11/07/84 11/16/84 11/21/84 11/28/84 12/12/84 12/20/84 12/26/84 01/02/85 01/09/85 01/16/85 01/23/85 01/30/85 02/13/85 02/20/85 03/06/85 03/21/85 04/12/85 05/03/85 06/13/85	55.6 55.4 55.9 56.7 58.3 59.4 58.5 59.1 58.8 56.7 59.6 57.5 56.8 56.3 56.1 56.2 54.7 53.2 54.1 52.8 33.3 56.0 38.9 66.3	51.4 51.6 51.1 50.3 48.7 47.6 48.5 47.9 48.2 50.3 48.4 49.5 50.2 50.7 50.9 50.8 52.3 53.8 52.9 54.2 53.7 51.0 48.1 40.7	5411	02N/22W-35C01 S	75.2	11/30/84 01/31/85 03/22/85 06/17/85 08/08/85	31.6 27.1 28.8 40.7 44.4	43.6 48.1 46.4 34.5 30.8	5121	
02N/22W-23G02 S	106.5	10/03/84 10/09/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	36.3 48.0 53.0 50.5 48.4 43.2 41.0 40.0 38.1 42.3 44.3 54.7 64.1	70.2 58.5 53.5 56.0 58.1 63.3 65.3 66.4 68.4 64.2 62.2 51.8 42.4	5411	02N/22W-36M02 S	67.0	10/25/84 11/28/84 12/31/84 02/19/85 07/24/85 08/14/85 09/11/85	33.4 26.7 22.3 NM-4 39.9 43.1 48.0	33.4 40.3 44.7 27.1 23.9 19.0	5411	
02N/22W-23G02 S	106.5	10/03/84 10/09/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/12/85 05/03/85 06/13/85	36.3 48.0 53.0 50.5 48.4 43.2 41.0 40.0 38.1 42.3 44.3 54.7 64.1	70.2 58.5 53.5 56.0 58.1 63.3 65.3 66.4 68.4 64.2 62.2 51.8 42.4	5411	02N/23W-24G01 S	27.1	10/26/84 11/29/84 12/31/84 02/13/85 04/08/85 06/13/85 07/26/85 08/27/85	21.0 12.3 10.0 9.9 16.5 17.2 19.8 24.2	6.1 14.8 17.1 17.6 10.6 9.9 11.3 2.9	5411	
02N/22W-23K01 S	105.0	10/03/84 10/19/84 10/31/84 11/16/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	29.8 43.4 78.9 51.8 49.0 44.6 38.3 35.3 34.7 33.0 37.5 39.7 50.6 60.8	75.2 61.6 26.1 53.2 56.0 60.4 66.7 69.7 70.3 72.0 87.5 85.3 54.4 44.2	5411	02N/23W-25G02 S	18.3	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	FLOW FLOW FLOW 17.2 5.1	5121		
02N/22W-23K04 S	105.8	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	02N/23W-36C04 S	27.6	12/06/84 02/05/85 04/01/85 06/04/85 07/30/85	3.1 4.8 8.4 23.1 13.1	24.5 22.8 19.2 4.5 14.5	5121	
02N/22W-23K04 S	105.8	10/03/84 10/19/84 10/31/84 11/21/84 12/20/84 01/02/85 01/16/85 01/30/85 02/13/85 03/21/85 04/11/85 05/03/85 06/13/85	71.7 71.2 71.0 72.6 74.4 75.6 74.7 72.6 70.7 76.5 78.5 76.0 74.3 73.2 73.0 72.9	34.1 34.6 34.8 33.2 31.4 30.2 31.1 33.2 35.1 29.3 27.3 29.8 31.5 32.6 32.8 32.9	5411	U-03.A2 PLEASANT VALLEY NSA						
01N/20W-06C01 S	124.5	10/10/84 12/12/84 02/05/85 04/11/85 06/18/85 08/09/85	82.6 77.3 74.3 72.8 83.2 79.0	41.9 47.2 50.2 51.7 41.3 45.5	5121	01N/20W-06J01 S		12/12/84	NM-4		5121	
01N/21W-01B04 S	115.9	12/26/84 02/01/85 04/23/85 06/19/85 08/13/85	152.9 168.5 194.1 205.0 207.0	-37.0 -50.6 -78.2 -89.1 -91.1	5121	01N/21W-02J02 S		06/18/85	NM-7		5121	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.4 U-03.42	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA PLEASANT VALLEY HSA					U U-03 U-03.4 U-03.42	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU OXNARD PLAIN HA PLEASANT VALLEY HSA				
01N/21W-02J02 S	90.0	08/09/85	122.3	-32.3	5121	02N/21W-24F01 S	315.8	08/09/85	420.8	-104.0	5121
01N/21W-02P01 S	66.6	06/21/85 08/08/85	122.7 129.8	-56.1 -63.2	5121	02N/21W-33P02 S	65.0	06/21/85 08/08/85	149.6 149.6(3)	-84.6 -84.6	5121
01N/21W-03C01 S		06/18/85 08/15/85	NM-7 NM-1		5121	02N/21W-34002 S	90.0	10/12/84 11/30/84 01/31/85	159.3 153.7 144.8	-69.3 -63.7 -54.8	5121
01N/21W-03D01 S	66.3	06/21/85 08/08/85	130.7 137.1	-64.4 -70.8	5121			04/09/85 06/21/85 08/08/85	141.4 178.6 179.2	-61.4 -88.6 -89.2	
01N/21W-03J01 S		06/21/85 08/08/85	NM-7 171.4		5121	02N/21W-34J01 S	82.0	10/31/84 11/30/84 12/31/84	168.6 142.7 127.9	-86.6 -60.7 -45.9	5411
01N/21W-03L02 S		06/21/85 08/15/85	NM-7 NM-7		5121			02/15/85 07/24/85 08/18/85 09/11/85	129.5 172.7 174.8 171.3	-47.5 -90.7 -92.8 -89.3	
01N/21W-03H02 S	45.6	06/21/85 08/09/85	139.3 153.8	-93.7 -108.2	5121	02N/21W-35K01 S		06/18/85 08/14/85	NM-7 NM-7		5121
01N/21W-09C03 S	36.1	06/21/85 08/13/85	NM-7 134.9		5121	02N/21W-36L02 S	124.6	06/18/85 08/14/85	176.5 175.0	-51.9 -50.4	5121
01N/21W-10E01 S	32.2	06/21/85 08/15/85	NM-7 127.2		5121	02N/21W-36M01 S		06/18/85 08/09/85	NM-7 123.9		5121
01N/21W-10G01 S	39.1	06/21/85 08/13/85	NM-7 141.6	-102.5	5121		110.1			-13.8	
01N/21W-12F03 S	75.0	06/21/85 08/08/85	NM-7 39.4		5121	U-03.8 U-03.81	SANTA PAULA HA SULPHUR SPRINGS HSA				
01N/21W-14A01 S		06/21/85 08/13/85	NM-7 32.4		5121	02N/22W-02C01 S	177.4	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	28.3 26.9 27.7 32.3 38.9	149.1 150.5 149.7 145.1 138.5	5121
01N/21W-15M01 S	30.7	06/21/85 08/08/85	NM-7 20.4	10.3	5121	02N/22W-03K02 S	248.1	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	112.3 111.3 105.6 114.9 115.2	135.8 136.0 142.5 133.2 132.9	5121
01N/21W-15P02 S	22.7	06/21/85 08/08/85	NM-7 121.2(6)	-96.5	5121	02N/22W-03M02 S	291.9	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	189.4 183.3 180.0 185.1 189.1	102.5 108.6 111.9 106.8 102.8	5121
01N/21W-16A04 S	29.0	10/17/84 12/24/84 02/07/85 04/11/85 06/11/85 07/31/85	102.9 81.9 67.2 NM-1 123.2 121.8	-73.9 -32.9 -38.2 -94.2 -92.8	5121						
01N/21W-16M01 S	22.4	10/04/84 12/24/84 02/07/85 04/03/85 06/11/85 08/06/85	95.6 54.6 55.0 68.4 103.9 105.4	-73.2 -32.2 -33.4 -46.0 -81.5 -83.0	5121	02N/22W-03R02 S	214.2	12/06/84 02/05/85 04/22/85 05/31/85 07/30/85	93.3 93.7 NM-1 94.2 94.4	120.9 120.5 120.0 119.8	5121
01N/21W-16P03 S	18.3	10/22/84 12/24/84 02/07/85 04/05/85 06/12/85 08/30/85	NM-1 60.6 58.0 69.5 NM-1 113.5	-42.3 -39.7 -51.2 -95.2	5121	02N/22W-10C02 S	238.6	12/06/84 02/05/85 03/22/85 05/31/85 07/26/85	125.8 128.2 127.8 127.6 128.0	112.8 110.4 110.8 111.0 110.6	5121
02N/20W-19M04 S	199.1	12/26/84 02/01/85 04/09/85 06/17/85 08/14/85	320.6 330.2 331.2 340.9 338.9	-121.5 -131.1 -132.1 -141.8 -139.8	5121	02N/22W-11A01 S	129.5	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	40.4 35.2 38.8 51.0 58.3	89.1 94.3 90.7 78.9 70.2	5121
02N/20W-28G02 S	170.0	10/10/84 12/12/84 02/05/85 04/11/85 06/18/85 08/09/85	65.0 64.5 64.6 64.3 64.1 63.9	105.0 105.5 105.4 105.7 105.9 106.1	5121	03N/21W-03R02 S	369.0	11/03/84 12/05/84 01/03/85 02/01/85 03/24/85 04/04/85 05/08/85	215.4 142.5 153.6 151.5 168.3 161.4 153.6	153.6 226.5 215.4 217.5 200.7 207.6 215.4	2225
02N/20W-30F01 S	181.1	12/21/84 02/05/85 04/23/85 06/17/85 08/14/85	277.6 285.2 284.7 NM-7 283.3	-96.5 -104.1 -103.6 -102.2	5121			06/05/85 07/08/85 08/04/85 09/03/85	165.5 157.3 140.6 172.0	203.5 211.7 188.4 197.0	
02N/20W-31B01 S	155.3	12/12/84 02/05/85 04/11/85 06/18/85 08/14/85	130.6 128.9 127.0 127.8 125.0	24.7 26.4 28.3 27.5 27.3	5121	03N/21W-09K02 S	361.6	10/11/84 12/06/84 02/05/85 04/12/85 05/31/85 08/13/85	NM-1 163.4 156.7 166.5 171.4 NM-1	198.2 204.9 195.1 190.2	5121
02N/20W-31F02 S	144.4	10/12/84 12/11/84 02/04/85 04/11/85 06/18/85	133.5 125.9 121.1 120.9 NM-6	10.9 18.5 23.1 23.5	5121	03N/21W-09R03 S	295.0	10/02/84 11/02/84 12/05/84 01/03/85 02/11/85 03/01/85 04/02/85	106.9 104.3 93.8 90.5 86.6 90.1 94.5	188.1 190.7 201.2 205.5 208.4 204.9 200.5	2225
02N/20W-32D01 S	165.3	12/11/84 02/01/85 04/23/85 06/18/85 08/14/85	NM-1 191.6 193.4 201.7 196.5	-26.3 -28.1 -36.4 -31.2	5121			05/06/85 06/03/85 07/03/85 08/05/85 09/03/85	96.5 101.5 105.7 104.8 108.2	198.5 193.5 189.3 190.2 186.4	
02N/21W-23L02 S	220.0	12/11/84 02/01/85 04/09/85 06/17/85 08/14/85	NM-9 296.4 288.7 299.3 298.7	-76.4 -68.7 -79.3 -78.7	5121	03N/21W-09R04 S	292.0	10/12/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/02/85	115.8(11) 101.4(11) 92.1 87.4 84.7 86.8 91.7	176.2 190.6 199.9 204.6 207.3 205.2 200.3	2225
02N/21W-24F01 S	315.8	12/12/84 02/01/85 04/09/85 06/17/85	416.9 415.7 414.9 418.5	-101.1 -99.9 -99.1 -102.7	5121			05/12/85 05/36/85 06/03/85	103.4	188.6	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.8 U-03.81	LOS ANGELES HB SANTA CLARA-CALLEGUAS MU SANTA PAULA MA SULPHUR SPRINGS HSA					U U-03 U-03.8 U-03.81	LOS ANGELES HB SANTA CLARA-CALLEGUAS MU SANTA PAULA MA SULPHUR SPRINGS HSA				
03N/21W-09R04 S	292.0	07/03/85 08/03/85 09/03/85	101.8 103.4 103.4	190.2 188.6 188.6	2225	03N/21W-15C02 S	242.0	06/03/85 07/04/85 08/05/85 09/02/85	39.9 42.9(1) 56.9(1) 54.4(1)	202.1 199.1 185.1 187.6	2225
03N/21W-11R01 S	336.7	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	87.5 84.9 91.0 101.6 106.8	249.2 251.8 245.7 235.1 229.9	5121	03N/21W-15C03 S	242.2	10/03/84 11/02/84 12/04/84 01/02/85 02/03/85 03/01/85 04/04/85 05/03/85 06/03/85 07/04/85 08/05/85 09/02/85	54.2 52.2 44.2 40.1 34.4 41.2 42.3 47.4 50.1 53.2 54.2 55.0	188.0 190.0 198.0 202.1 207.8 201.0 199.9 194.8 192.1 189.0 186.0 187.2	2225
03N/21W-11002 S	329.9	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	208.1(1) 221.9(1) 205.0(1) 198.8(1) 204.6(1) 192.2(1) 200.8(1) 222.0(1) 221.2(1) 217.9(1) 227.6(1) 210.9(1)	121.8 108.0 124.9 131.1 125.3 137.7 129.1 107.9 108.7 112.0 102.3 111.0	2225	03N/21W-15C04 S	241.4	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/06/85 06/03/85 07/04/85 08/05/85 09/02/85	44.8 50.4 38.6 32.6 30.4 46.9(1) 34.6 36.3 43.8 46.6 57.9(1) 46.8	196.6 191.0 202.8 208.8 211.0 194.5 206.8 205.1 197.6 194.8 183.5 194.6	2225
03N/21W-11E03 S	315.0	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	105.8(1) 96.8 86.9 86.8 80.1 83.4 90.6 85.6 107.8(1) 113.4(1) 118.8(1) 122.0(1)	209.2 218.2 228.1 228.2 234.9 231.6 224.4 229.4 207.2 201.6 196.2 193.0	2225	03N/21W-15C06 S	244.0	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/03/85 06/03/85 07/04/85 08/05/85 09/02/85	88.7(1) 91.2(1) 81.7(1) 78.9(1) 55.7 93.4(1) 106.6(1) 97.7(1) 96.9(1) 110.6(1) 104.3(1) 138.7(1)	155.3 152.8 162.3 163.1 208.3 150.6 137.4 144.3 147.1 133.4 139.7 105.3	2225
03N/21W-11F03 S	306.0	10/02/84 11/02/84 12/03/84 01/03/85 02/01/85 03/04/85 04/02/85 05/08/85 06/04/85 07/05/85 08/05/85 09/03/85	121.5(1) 109.0(1) 82.5 71.4 69.4 69.3 109.6(1) 108.5(1) 81.3 112.0(1) 108.3(1) 109.6(1)	184.5 197.0 237.5 234.6 236.6 236.7 196.4 197.5 224.9 194.0 197.9 196.4	2225	03N/21W-16A02 S	268.8	10/02/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/02/85 05/08/85 06/03/85 07/03/85 08/05/85 09/02/85	77.9 75.7 68.3 62.5 61.5 62.8 67.2 89.9 88.3 92.2(1) 79.1 87.4	190.9 193.1 200.5 206.3 207.3 206.0 201.6 176.9 180.5 176.6 189.7 181.4	2225
03N/21W-11H03 S	309.4	10/31/84 11/30/84 08/07/85 09/25/85	68.2 58.2 72.4 73.1	241.2 251.2 237.0 236.3	5411	03N/21W-16A01 S	244.1	10/01/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/02/85 05/08/85 06/03/85 07/03/85 08/05/85 09/02/85	62.9(1) 63.0(1) 48.0 50.7 49.3(1) 51.2(1) 54.8(1) 69.2(1) 60.3(1) 67.1(1) 67.1(1) 66.0(1)	181.2 181.1 196.1 193.4 194.8 192.9 189.3 174.9 184.0 177.0 177.0 178.1	2225
03N/21W-11J01 S	286.5	10/31/84 11/30/84 08/07/85 09/25/85	49.7 43.6 NM-1 NM-1	236.8 242.9	5411	03N/21W-16K01 S	232.0	10/01/84 11/02/84 12/05/84 12/06/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85 09/02/85	45.2 45.7 38.2 38.2 33.9 35.8 35.8 67.2(1) 39.1 73.6(1) 76.1(1) 45.9 47.0 47.0	186.8 186.3 193.8 193.8 198.1 198.2 196.2 164.8 192.9 158.4 155.9 186.1 185.0 185.0	5411
03N/21W-12E08 S	279.8	10/02/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/01/85 08/02/85 09/02/85	63.9(1) 63.3(1) 17.3 15.0 14.0 21.0 47.2(1) 56.0(1) 34.0 59.9(1) 36.8 62.9(1)	215.9 216.5 262.5 264.8 265.8 258.8 232.8 223.8 245.8 214.9 243.0 216.9	2225	03N/21W-16K02 S	228.0	10/01/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85 09/02/85	42.8 40.9 35.1 30.3 29.0 32.9 35.3 39.9 33.8 41.1 42.8	185.2 187.1 192.9 197.7 199.0 198.3 195.1 192.7 186.1 184.2 185.2	2225
03N/21W-12F03 S	277.0	10/02/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/01/85 08/02/85 09/02/85	81.7(1) 80.0(1) 12.5 10.9 10.8 16.8 17.5 46.0(1) 37.7(1) 29.9 49.5(1) 30.7	195.3 197.0 264.5 266.1 266.2 260.2 259.5 231.0 239.3 247.1 227.5 246.3	2225	03N/21W-16K03 S	228.7	10/01/84 11/02/84 12/05/84 01/03/85 02/01/85 03/01/85 04/01/85 05/08/85 06/03/85 07/03/85 08/02/85 09/02/85	157.0(1) 43.1 35.0 29.9 28.6 29.9 32.0 34.7 38.0 42.0 41.6	71.7 187.6 193.7 198.8 200.1 198.6 196.7 194.0 190.7 186.7 187.1	2225
03N/21W-15C02 S	242.0	10/03/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/04/85 05/06/85	46.9 44.9 38.2 30.0 30.0 30.4 34.9 37.0	195.1 197.1 203.8 212.0 212.0 211.6 207.1 205.0	2225						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.8 U-03.81	LOS ANGELES HQ SANTA CLARA-CALLEGUAS HU SANTA PAULA MA SULPHUR SPRINGS NSA					U U-03 U-03.C U-03.C1	LOS ANGELES HQ SANTA CLARA-CALLEGUAS HU SESPE MA FILLMORE NSA				
03H/21W-16K03 S	228.7	09/02/85	43.0	185.7	2225	03H/20W-02A01 S	375.6	02/07/85 03/01/85 04/03/85 05/16/85 06/03/85 07/30/85 07/30/85 09/04/85	15.0 15.2 15.8 17.8 17.7 18.9 20.4 22.8	360.6 360.4 359.8 357.8 357.9 358.7 354.8 352.8	5411
03H/21W-17001 S	284.0	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	91.3 86.8 90.2 97.4 106.5	192.7 197.2 193.8 186.6 177.5	5121	03H/20W-03N01 S	341.8	10/31/84 11/30/84 06/03/85 08/15/85	NM-1 10.4 11.0 NM-1	331.4 330.8	5411
03H/21W-19601 S	250.8	10/01/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/02/85 05/07/85 06/03/85 07/03/85 08/02/85 09/03/85	93.9 99.0 75.0 70.5 68.8 74.2 87.1 89.9 94.0 99.0 94.8 94.4	156.9 151.8 175.8 180.3 182.0 176.8 163.7 160.9 158.8 151.8 158.0 196.4	2225	03H/20W-05001 S	437.6	12/08/84 02/07/85 04/02/85 06/05/85 07/25/85	133.9 126.8 137.0 142.0 130.8	303.9 311.0 300.8 295.8 287.0	5121
03H/21W-19H06 S	248.0	10/01/84 11/02/84 12/04/84 01/02/85 02/01/85 03/01/85 04/02/85 05/07/85 06/04/85 07/03/85 08/02/85 09/02/85	94.3 98.9 71.9 67.9 66.4 71.8 88.4 92.7 94.8 97.7 96.3 80.9	153.7 149.1 176.1 180.1 181.6 176.2 159.6 153.3 153.2 150.3 151.7 167.1	2225	03H/20W-06P01 S		10/02/84	NM-7		5121
03H/21W-19R01 S	235.9	12/08/84 02/05/85 03/22/85 06/12/85 07/30/85	55.1 50.1 55.0 63.2 64.9	180.8 185.8 180.9 172.7 173.0	5121	03H/20W-08A01 S	319.6	07/26/85 08/27/85	12.3 12.2	307.3 307.4	5411
03H/21W-21801 S	220.8	04/15/85 07/26/85 08/28/85	27.1 33.9 36.1	193.7 186.9 184.7	5411	03H/20W-09F01 S	335.0	10/02/84 12/27/84 02/07/85 04/12/85 06/12/85 08/13/85	NM-4 16.6 17.1 18.5 20.0 NM-9	318.4 317.9 316.5 315.0	5121
03H/21W-29801 S	192.0	11/29/84 04/15/85 07/26/85 08/28/85	NM-9 16.6 23.0 22.9	175.4 169.0 169.1	5411	03H/20W-11C01 S	397.4	10/02/84 12/27/84 02/07/85 04/12/85 06/12/85 07/30/85	39.1 38.3 38.6 39.8 41.5 43.7	358.3 359.1 358.8 357.8 355.9 353.7	5121
03H/21W-30801 S	222.8	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	66.2 53.5 56.6 60.0 69.5	156.6 169.3 166.2 162.8 153.3	5121	03H/20W-27801 S	899.4	10/04/84 12/07/84 02/07/85 04/12/85 06/07/85 08/09/85	423.1 424.1 428.4 431.3 409.2 410.0	476.3 475.3 471.0 468.1 490.2 489.4	5121
03H/21W-30F01 S	220.7	10/02/84 12/06/84 02/07/85 04/12/85 06/05/85 08/13/85	62.5 56.3 52.7 60.2 60.1 NM-1	158.2 184.4 168.0 180.5 160.6	5121	03H/21W-01N01 S	320.3	12/06/84 02/05/85 03/22/85 06/05/85 07/25/85	58.3 59.1(2) 62.8 73.5 76.6	282.0 261.2 257.5 244.8 233.7	5121
03H/21W-30N04 S	208.0	12/06/84 02/08/85 04/22/85 05/31/85 08/08/85	39.9 NM-1 NM-1 32.4 46.6	168.1 175.6 161.4	5121	03H/21W-12801 S	279.0	10/31/84 11/30/84 08/07/85	NM-9 10.8 10.3		5411
03H/22W-34R01 S	266.2	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	114.8 116.3 118.7 123.9 128.5	151.4 149.9 147.5 142.3 137.7	5121	04H/19W-25H01 S	582.0	10/31/84 11/30/84 08/07/85 09/25/85	31.3 NM-2 33.3 39.2	550.7 528.7 542.8	5411
03H/22W-36K02 S	180.6	12/06/84 02/05/85 03/22/85 05/31/85 07/25/85	23.9 20.9 22.3 26.0 24.9	156.7 159.7 158.3 154.6 155.7	5121	04H/19W-30001 S	437.6	10/02/84 12/27/84 02/06/85 04/02/85 06/05/85 07/30/85	41.4 38.5 37.3 39.4 41.4 45.6	396.2 399.1 400.3 398.2 396.2 392.0	5121
U-03.82	5154R H5A					04H/19W-30R01 S	441.9	10/02/84 12/27/84 02/06/85 04/02/85 06/05/85 07/30/85	23.1 22.5 22.6 24.0 25.6 30.5	418.8 419.4 419.3 417.9 416.3 411.4	5121
04H/22W-12F01 S	1616.0	10/09/84 12/06/84 02/07/85 04/03/85 06/13/85 07/29/85	147.1 121.2 125.1 128.2 136.8 145.5	1468.9 1494.8 1490.9 1487.8 1479.2 1470.5	5121	04H/19W-31E01 S	417.8	10/30/84 11/30/84 06/03/85 08/07/85	NM-1 10.8 NM-1 NM-1	407.0	5411
U-03.C U-03.C1	SESPE MA FILLMORE H5A					04H/19W-31R01 S	448.0	10/11/84 12/27/84 02/06/85 04/02/85 06/12/85 07/30/85	NM-1 38.4 37.9 39.5 44.1 46.4(4)	409.6 410.1 408.5 403.9 401.6	5121
03H/19W-06002 S	433.3	10/02/84 12/27/84 02/06/85 04/22/85 06/12/85 07/26/85	42.3 39.8 38.9 42.9 44.3 47.2	391.0 393.5 394.4 390.4 389.0 386.1	5121	04H/19W-32A01 S		10/30/84 11/30/84	NM-2 NM-2		5411
03H/20W-01C04 S	404.2	10/02/84 12/27/84 02/06/85 04/05/85 06/12/85 08/13/85	27.1 24.8 24.4 25.5 29.1 NM-1	377.1 379.4 379.8 378.7 375.1	5121	04H/19W-32N02 S	447.3	10/05/84 12/27/84 02/06/85 04/02/85 06/06/85 07/26/85	9.1 9.7 9.9 10.0 10.6 21.0(2)	438.2 437.6 437.4 437.3 436.7 426.3	5121
03H/20W-02A01 S	375.6	10/31/84 11/30/84 01/04/85	15.7 15.2 14.7	359.9 360.4 360.9	5411	04H/19W-32R01 S	469.0	10/05/84 12/27/84 02/06/85 04/02/85 06/06/85 07/30/85	11.0 7.1 7.2 10.4 11.6 12.3	458.0 461.9 461.8 458.4 457.4 446.7	5121
						04H/19W-33003 S	474.3	10/11/84 12/27/84 02/08/85 04/22/85 06/12/85	NM-1 2.1 NM-1 NM-1 NM-1	472.2	5121

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.C U-03.C1	LOS ANGELES HS SANTA CLARA-CALLEGUAS HU SESPE MA FILLMORE HSA					U U-03 U-03.0 U-03.01	LOS ANGELES HS SANTA CLARA-CALLEGUAS HU PIRU HA SANTA FELICIA HSA				
04N/19W-33003 S	474.3	08/06/85	4.1	470.2	5121	04N/18W-29H02 S	635.8	04/14/85	63.5	572.3	5411
04N/19W-33004 S	474.3	10/05/84 12/27/84 02/06/85 04/09/85 06/06/85 08/12/85	.7 NM-1 1.1 1.6 2.2 NM-1	473.6 473.2 472.7 472.1	5121			04/21/85 05/05/85 05/12/85 05/19/85 05/26/85 06/02/85 06/09/85 06/16/85 06/23/85 06/30/85 07/28/85 08/04/85 08/11/85 08/18/85 09/01/85 09/08/85 09/15/85 09/22/85 09/29/85	64.4 66.4 68.0 68.1 70.1 70.2 70.5 71.3 72.7 73.7 76.0 79.0 80.0 80.8 83.1 79.6 74.4 72.1 71.5	571.4 569.4 567.8 567.7 565.7 565.6 565.3 564.5 563.1 562.1 557.8 556.8 555.8 555.0 552.7 556.2 561.4 563.7 564.3	
04N/20W-23002 S	512.6	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	112.9 110.2 112.9 126.1 124.9	399.9 402.6 399.9 386.7 387.9	5121			10/31/84 11/30/84 06/03/85 08/07/85	35.0 35.4 51.3 60.3	607.9 607.5 591.6 582.6	5411
04N/20W-26A02 S	430.7	10/05/84 12/06/84 02/06/85 04/22/85 06/06/85 07/26/85	49.9 43.8 40.6 43.0 46.9 54.8	380.8 386.9 390.1 387.7 383.8 375.9	5121	04N/18W-29P05 S	642.9	10/31/84 11/30/84 06/03/85 08/07/85	35.0 35.4 51.3 60.3	607.9 607.5 591.6 582.6	5411
04N/20W-26C02 S	504.5	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	123.3 123.2 142.3 143.8 156.6	381.2 381.3 362.2 360.7 347.9	5121	04N/18W-31C01 S	607.0	10/31/84 11/30/84 06/03/85 08/07/85 09/25/85	34.9 39.2 NM-1 62.1 NM-4	572.1 567.8 544.9	5411
04N/20W-26L01 S	428.0	10/31/84 11/30/84 08/07/85 09/25/85	51.4 47.5 53.8 53.7	376.6 380.5 374.2 374.3	5411	04N/19W-25C02 S	610.4	10/05/84 12/26/84 02/08/85 04/05/85 06/06/85 08/06/85	55.5 61.1 63.0 68.1 73.6 80.4	554.9 549.3 547.4 542.3 536.6 530.0	5121
04N/20W-27H01 S	527.3	12/06/84 02/06/85 04/02/85 06/05/85 07/26/85	148.1 142.8 144.1 150.0 154.3	379.2 384.5 383.2 377.3 373.0	5121	04N/19W-25K02 S	593.7	10/05/84 12/26/84 02/08/85 04/05/85 06/06/85 08/06/85	29.1 38.3 37.9 42.8 48.7 55.4	564.6 553.4 555.8 550.9 545.0 536.3	5121
04N/20W-33C03 S	526.0	10/11/84 12/06/84 02/07/85 04/02/85 06/05/85 08/13/85	NM-1 147.7 143.5 146.4 150.4 160.2	378.3 382.5 379.6 375.6 365.8	5121	04N/19W-26P01 S	565.0	10/11/84 12/27/84 02/08/85 04/22/85 06/12/85 08/12/85	NM-1 23.2 25.5 NM-1 NM-1 NM-1	541.8 539.5	5121
04N/20W-36004 S	401.0	10/02/84 12/27/84 02/06/85 04/05/85 06/06/85 07/26/85	18.2 15.0 14.7 15.2 17.7 20.9	382.8 386.0 386.3 385.8 383.3 380.1	5121	04N/19W-34K01 S	522.8	10/05/84 12/27/84 02/07/85 04/05/85 06/12/85 08/06/85	9.5 10.4 11.7 14.4 17.6 20.4	513.3 512.4 511.1 508.4 505.2 502.4	5121
U-03.0 U-03.01	PIRU HA SANTA FELICIA HSA					04N/19W-34H02 S	501.2	10/31/84 11/30/84 06/03/85 08/07/85	5.3 4.9 NM-1 9.6	495.9 496.3 491.6	5411
04N/18W-19R01 S	655.5	10/11/84 12/26/84 02/07/85 04/19/85 06/12/85 08/12/85	NM-1 83.6 83.8 90.2 96.7 105.5	571.9 571.7 565.3 558.8 550.0	5121	04N/19W-35L02 S	540.1	10/05/84 12/27/84 02/07/85 04/05/85 06/12/85 08/06/85	6.7 NM-9 12.5 10.8 12.5 24.0	533.4 527.6 529.3 527.6 516.1	5121
04N/18W-20R01 S	659.7	10/05/84 12/26/84 02/07/85 04/05/85 06/12/85 08/06/85	60.9 64.3 63.4 66.7 79.6 89.5	598.8 595.4 596.3 591.0 580.1 570.2	5121	05N/18W-33G02 S	1066.0	08/07/85 09/25/85	22.8 27.4	1043.2 1038.6	5411
04N/18W-27R02 S	713.0	10/31/84 11/30/84 08/07/85 09/25/85	41.4 35.4 59.1 64.9	671.6 677.6 653.9 648.1	5411	U-03.02	UPPER PIRU HSA				
04N/18W-26C02 S	676.0	10/11/84 12/26/84 02/07/85 04/22/85 06/12/85 08/12/85	NM-1 77.7 77.7 NM-1 NM-1 NM-1	598.3 598.3 598.3	5121	05N/18W-15P01 S	1042.0	08/07/85 09/25/85	5.5 9.2	1036.5 1036.8	5411
04N/18W-29H02 S	635.8	10/07/84 10/14/84 10/21/84 10/28/84 10/31/84 11/04/84 11/11/84 11/18/84 11/25/84 11/31/84 12/02/84 12/09/84 12/16/84 12/23/84 12/30/84 01/01/85 01/06/85 01/13/85 01/27/85 02/03/85 02/10/85 02/17/85 02/24/85 03/03/85 03/10/85 03/17/85 03/31/85	48.2 49.8 51.3 52.7 52.8 55.4 55.0 55.8 56.7 57.4 57.5 58.2 56.6 57.1 56.5 56.4 56.3 56.4 57.0 57.2 57.5 57.7 58.4 59.2 59.8 60.5 61.7	587.6 586.0 584.5 583.1 583.0 580.4 580.8 580.0 579.1 578.4 578.3 577.6 579.2 578.7 579.3 579.4 579.5 579.4 578.8 578.6 578.3 578.1 577.4 576.6 576.0 575.3 574.1	5411	U-03.03	HUNGARY VALLEY HSA				
						07N/18W-07E01 S	3100.0	10/17/84 04/10/85	59.3 58.1	3040.7 3041.9	5121
						U-03.04	STAUFFER HSA				
						08N/21W-33R03 S	5150.0	10/17/84 04/10/85	24.8 25.7	5125.2 5124.3	5121
						08N/21W-35R01 S	5043.0	10/17/84 04/10/85	54.5 54.3	4988.5 4988.7	5121
						08N/21W-36G02 S	4922.0	10/17/84 04/10/85	16.6 16.0	4905.4 4906.0	5121
						U-03.E	UPPER SANTA CLARA RIVER HA				
						U-03.E1	EASTERN HSA				
						04N/17W-01A01 S	1066.0	12/13/84 05/08/85 06/26/85	26.9 28.1 30.6	1039.2 1037.9 1035.4	5050
						04N/17W-01J01 S	1052.9	12/13/84 05/08/85 06/26/85	21.7 22.9 NM-1	1031.2 1030.0	5050
						04N/17W-12R02 S	1043.0	12/13/84 05/08/85	21.0 23.7	1022.0 1019.3	5050

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.E U-03.E1	LOS ANGELES NB SANTA CLARA-CALLEGUAS MU UPPER SANTA CLARA RIVER HA EASTERN HSA					U U-03 U-03.F U-03.F1	LOS ANGELES NB SANTA CLARA-CALLEGUAS MU CALLEGUAS-CONEJO HA WEST LAS POSAS HSA				
04N/17W-12802 S	1043.0	06/26/85	26.4	1016.6	5050	02N/21W-12N01 S		07/02/85 08/15/85	NM-1 NM-1		5121
04N/17W-13C02 S	986.0	12/13/84 03/08/85 06/26/85	12.9 17.3 16.3	973.1 968.7 969.7	5050	02N/21W-15N03 S	263.0	10/10/84 12/26/84 02/04/85 04/15/85 07/02/85 08/15/85	NM-1 255.4 277.0 269.5 269.3(4) 269.4	7.6 -14.0 -6.5 -6.3 -5.4	5121
03N/17W-25802 S	1140.0	12/13/84 05/08/85 06/26/85	37.1 38.0 40.2	1102.9 1102.0 1099.8	5050	02N/21W-15P01 S	330.2	12/07/84 02/01/85 03/22/85 07/02/85 08/09/85	384.2 381.9 390.9 NM-7 409.4	-54.0 -51.7 -60.7 -79.2	5121
03N/17W-25804 S	1136.0	12/13/84 05/08/85 06/26/85	31.2 33.5 34.6	1104.8 1102.5 1101.4	5050	02N/21W-16J01 S	259.4	12/26/84 02/04/85 04/15/85 07/02/85 08/15/85	33.9 34.0 33.9 33.2 33.8	225.5 225.4 225.5 226.2 225.6	5121
05N/17W-25803 S		12/13/84 05/08/85 06/26/85	ORY ORY ORY		5050	02N/21W-20004 S	106.9	12/26/84 01/25/85 04/12/85 06/17/85 08/09/85	77.6 NM-9 115.4(6) NM-7 NM-7	29.3 -8.5	5121
05N/17W-25606 S	1130.0	12/13/84 05/08/85 06/26/85	32.8 33.5 37.1	1097.2 1096.5 1092.9	5050	02N/21W-22E02 S	362.3	12/21/84 02/01/85 04/15/85 07/02/85 08/09/85	400.4 435.3 447.5 473.5 474.4(6)	-38.1 -73.0 -85.2 -111.2 -112.1	5121
05N/17W-36A03 S	1110.0	12/13/84 05/08/85 06/26/85	25.9 NM-1 31.6	1084.1 1078.4	5050	U-03.F2 EAST LAS POSAS HSA					
05N/17W-36604 S	1090.0	12/13/84 05/08/85 06/26/85	19.3 22.7 24.4	1070.7 1067.3 1065.6	5050	02N/19W-03A01 S	582.3	12/06/84 02/05/85 04/12/85 06/11/85 08/20/85	4.3 4.6 4.6 NM-9 4.9	576.0 577.7 577.7 577.4	5121
05N/17W-36H03 S	1100.0	12/13/84 05/08/85 06/26/85	25.7 28.4 30.0	1074.3 1071.6 1070.0	5050	02N/19W-04K01 S	526.7	10/03/84 12/14/84 02/12/85 04/15/85 06/10/85 08/08/85	29.0 28.3 29.5 26.3 29.1 29.6	497.7 498.4 497.2 500.4 497.6 497.1	5121
05N/17W-36J02 S	1088.0	12/13/84 05/08/85 06/26/85	16.9 NM-1 20.2	1071.1 1067.8	5050	02N/19W-05K01 S	496.4	10/03/84 12/14/84 02/12/85 04/15/85 06/07/85 08/09/85	34.8 34.3 35.3 32.0 NM-9 NM-2	461.6 462.1 461.1 464.4	5121
U-03.E3 ACTON HSA						02N/19W-06N03 S	442.8	10/03/84 12/14/84 02/12/85 04/15/85 06/07/85 08/09/85	25.9 24.3 22.5 23.7 24.3 24.5	416.9 418.5 420.3 419.1 418.5 418.3	5121
01S/04W-14J05 S	1045.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	39.5 34.0 28.7 15.1 13.5 31.6 30.6 46.9 48.1 45.8 49.6 34.1	1005.3 1011.0 1016.3 1029.9 1031.5 1013.4 1014.4 998.1 996.9 999.2 993.4 990.9	9263	02N/19W-08G03 S	491.4	10/03/84 12/14/84 02/12/85 04/15/85 06/10/85 08/09/85	32.4 24.9 27.1 26.6 26.7 24.9	459.0 466.5 464.3 464.8 464.7 466.5	5121
01S/04W-24F06 S	1076.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	64.5(1) 59.8(1) 36.7(1) 32.1(1) 36.9(1) 30.7(1) 46.6(1) 81.2(1) 82.8(1) 83.0 71.6 82.9	1011.5 1016.2 1039.3 1043.9 1039.1 1025.3 1029.4 994.8 993.2 993.0 1004.4 993.1	9263	02N/20W-01M01 S	472.0	10/04/84 12/12/84 02/12/85 04/12/85 06/07/85 08/09/85	NM-1 254.3 253.4 262.6 261.7 NM-2	217.7 218.6 209.4 210.3	5121
01S/04W-24F10 S	1075.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	51.9 49.2 27.2 25.5 27.9 39.5 34.4 59.1 62.1 75.9 73.0 75.1	1023.1 1025.8 1047.8 1049.5 1047.1 1036.5 1040.6 1015.9 1012.9 999.1 1002.0 999.9	9263	02N/20W-03K02 S	483.1	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	372.2 NM-9 354.9 NM-1 365.0 NM-1	110.9 128.2 118.1	5121
U-03.F U-03.F1	CALLEGUAS-CONEJO HA WEST LAS POSAS HSA					02N/20W-06N01 S		10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NM-1 NM-9 630.0 NM-1 611.9 623.7	-111.9 -113.8 -105.6	5121
02N/21W-03L01 S	501.7	12/21/84 02/04/85 03/22/85 07/02/85 08/09/85	310.9 316.2 314.9 315.7 317.7	190.8 185.5 186.8 186.0 184.0	5121	02N/20W-08F01 S	436.1	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	555.4 548.2 535.7 NM-1 577.4 562.6	-119.3 -112.1 -99.6 -121.3 -126.5	5121
02N/21W-08G01 S	336.2	12/21/84 02/04/85 03/22/85 07/02/85 08/09/85	266.7 266.1 276.2 292.5 287.1	69.5 70.1 60.0 43.7 49.1	5121	02N/20W-09F01 S	400.5	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	285.0 275.3 271.7 280.0 NM-1 NM-1	115.5 123.2 128.8 120.5	5121
02N/21W-09001 S		12/26/84 02/11/85 04/15/85 07/02/85 08/15/85	NM-1 NM-1 328.8 NM-1 NM-1		5121	02N/21W-12H01 S	416.1	12/21/84 02/04/85 04/12/85	449.0 461.7 NM-1	176.6 142.6	5121
02N/21W-11J02 S	387.1	12/26/84 02/04/85 04/12/85 07/02/85 08/09/85	322.5 320.5 326.7 326.3 334.0	64.6 66.6 60.4 60.8 53.1	5121						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.F U-03.F2	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU CALLEGUAS-CONEJO HA EAST LAS POSAS HSA					U U-03 U-03.F U-03.F2	LOS ANGELES HB SANTA CLARA-CALLEGUAS HU CALLEGUAS-CONEJO HA EAST LAS POSAS HSA				
02N/20W-09R01 5		06/06/85 08/09/85	NM-1 NM-1	5121		03N/21W-35P01 5	571.6	10/10/84 12/21/84 02/04/85 04/12/85 07/02/85 08/15/85	NM-1 565.5 515.0 NM-1 NM-1 NM-1	6.3 56.8	5121
02N/20W-10002 5	462.0	10/04/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NM-1 335.6 329.0 335.5 339.9 341.0	126.4 132.1 126.5 122.1 121.0	5121	03N/21W-36001 5	555.7	12/21/84 02/04/85 04/10/85 07/02/85 08/09/85	468.5 476.0 482.6 NM-1 NM-1	87.2 79.7 73.1	5121
02N/20W-10601 5	415.1	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	248.5 242.9 234.1 232.6 237.1 NM-1	166.6 172.2 181.0 182.5 178.0	5121	U-03.F3	ARROYO SANTA ROSA HSA				
02N/20W-10J01 5	406.8	10/04/84 12/12/84 02/07/85 04/12/85 06/07/85 08/09/85	220.0 217.7 209.5 201.7 204.8 212.6	146.8 189.1 197.3 205.1 202.0 194.2	5121	02N/19W-19L01 5	346.0	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	59.8 57.7 57.7 57.5 56.8 56.8	286.2 288.3 288.3 288.5 289.2 289.2	5121
02N/20W-12602 5	420.0	10/05/84 12/12/84 02/12/85 04/15/85 06/07/85 08/09/85	26.9 26.7 26.2 25.9 26.2 26.0	393.1 393.3 393.8 394.1 393.8 394.0	5121	02N/19W-19R02 5	291.4	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	103.0 102.4 102.6 105.9 105.0 105.3	188.4 189.0 188.8 185.5 186.4 186.1	5121
02N/20W-18401 5	374.6	10/03/84 12/12/84 02/07/85 04/11/85 06/06/85 08/09/85	NM-1 483.1 481.7 492.4 NM-1 NM-1	-108.5 -107.1 -117.8	5121	02N/19W-20L01 5	304.5	12/06/84 02/01/85 04/11/85 06/05/85 08/02/85 09/25/85	122.4 119.9 120.5 123.7 118.8 119.9	182.1 184.6 184.0 180.8 185.7 185.0	5121
03N/19W-19J01 5	1080.0	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/08/85	792.5 792.0 798.0 797.7 785.0 786.0	267.5 268.0 262.0 262.3 275.0 264.0	5121	02N/19W-21C02 5	489.6	11/23/84 02/01/85 04/11/85 06/05/85 08/02/85 09/25/85	9.8 9.8 10.0 10.1 12.6 12.9	479.8 479.8 479.6 479.5 477.0 476.7	5121
03N/19W-19P02 5	1056.2	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/09/85	825.9 NM-1 NM-1 NM-1 816.9 843.9	232.3 241.3 214.3	5121	02N/20W-22601 5	282.7	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	160.7 161.5 149.8 148.0 151.5 153.1	122.0 121.2 132.9 134.7 131.2 129.6	5121
03N/19W-29K04 5	843.8	10/05/84 12/13/84 02/14/85 04/15/85 06/10/85 08/22/85	NM-1 506.4 500.6 505.2 NM-1 NM-1	337.4 343.2 338.6	5121	02N/20W-23K01 5	272.7	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	148.4 141.2 148.0 NM-1 153.2 154.8	124.3 131.5 124.7 119.5 117.9	5121
03N/19W-30E03 5	850.7	10/05/84 12/13/84 02/14/85 04/15/85 06/11/85 08/09/85	644.9 639.8 642.1 643.5 639.1 NM-1	205.8 210.9 208.6 207.2 211.6	5121	02N/20W-23R01 5	234.6	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	64.2 64.3 NM-1 NM-1 70.5 NM-1	170.4 170.3 164.1	5121
03N/19W-32A01 5	815.2	02/14/85 04/15/85 06/10/85 08/08/85	571.7 568.0 562.0 576.0	243.5 247.2 253.2 239.2	5121	02N/20W-25L01 5	235.2	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	42.4 41.3 41.4 44.4 46.7 50.2	192.8 193.9 193.8 190.8 188.5 185.0	5121
03N/19W-32601 5	840.0	10/05/84 12/13/84	591.3 NM-9	248.7	5121	02N/20W-26803 5	205.5	12/06/84 02/01/85 03/22/85 06/05/85 08/02/85 09/25/85	35.4 31.4 20.0 40.0 42.3 NM-1	170.1 174.1 185.5 165.5 163.2	5121
03N/19W-33P03 5		10/05/84 12/14/84 02/12/85 04/15/85 06/10/85 08/23/85	NM-1 NM-1 NM-1 NM-1 NM-1 NM-1		5121	U-03.F4	CONEJO VALLEY HSA				
03N/20W-23L01 5	969.6	10/09/84 12/13/84 02/14/85 04/12/85 06/11/85 08/09/85	724.7 NM-1 NM-1 730.6 730.1 731.8	244.9 239.0 239.5 237.8	5121	01N/19W-07K16 5	634.6	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	8.6 6.5 6.1 7.8 9.4	626.0 628.1 628.5 626.8 625.2	5121
03N/20W-24J01 5	1035.5	10/05/84 12/13/84 02/14/85 04/12/85 06/11/85 08/09/85	NM-1 NM-1 825.7 NM-1 NM-1 NM-9	209.8		01N/20W-03J01 5	762.9	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	54.1 51.5 52.8 60.6 63.1	708.8 711.4 710.1 702.3 699.8	5121
03N/20W-25H01 5	822.5	10/05/84 12/13/84 02/04/85 04/12/85 06/11/85 08/09/85	241.7 236.1 242.8 234.9 240.3 245.2	580.8 586.4 579.7 587.6 582.2 577.3	5121	U-03.F5	TIERRA REJADA VALLEY HSA				
03N/20W-34601 5	679.7	10/04/84 12/07/84 02/07/85 04/12/85 06/07/85 08/09/85	572.7 567.7 558.4 564.9 565.5 560.7	107.0 112.0 121.3 114.8 114.2 119.0	5121	02N/19W-10R01 5	618.6	12/06/84 02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	109.2 107.1 107.8 109.3 106.6 NM-9	509.4 511.5 510.8 509.3 512.0	5121
						02N/19W-12H03 5	719.0	12/06/84 02/05/85 04/10/85 06/05/85 08/02/85 09/25/85	113.5 113.2 116.1 116.8 114.9 113.2	605.5 605.8 602.9 600.2 604.1 605.8	5121
						02N/19W-14P01 5	677.4	12/06/84	33.7	643.7	5121

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-03.F U-03.F5	LOS ANGELES MB SANTA CLARA-CALLEGUAS HU CALLEGUAS-CONEJO HA TIERRA REJADA VALLEY H54					U U-04 U-04.0 U-04.06	LOS ANGELES MB MALIBU HU MALIBU CREEK HA SHERWOOD H54				
02N/19W-14P01 S	677.4	02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	33.0 NM-1 35.1 34.6 NM-1	643.6 642.3 642.8	5121	01N/19W-19L02 S	1082.0	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	79.2 76.5 77.1 79.8 89.2	1002.0 1005.5 1004.9 1002.2 992.0	5121
02N/19W-15F02 S	500.0	12/06/84 02/05/85 04/11/85 06/05/85 08/02/85 09/25/85	94.1 91.7 91.5 93.1 88.8 87.0	405.9 408.3 406.5 406.9 411.2 413.0	5121	01N/19W-28A01 S	963.3	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	37.4 6.3 19.3 31.2 49.1	925.9 957.0 948.0 932.1 914.2	5121
U-03.F7	SIMI VALLEY H54					01N/19W-30A01 S	998.2	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	20.2 16.4 17.6 23.0 30.8	978.0 981.8 980.4 975.2 967.4	5121
02N/17W-06J01 S	1039.4	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	NM-9 71.7 72.4 72.7 73.5 74.1	967.7 967.0 966.7 965.9 965.3	5121	01N/20W-24H02 S	1126.0	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	54.8 55.3 48.5 50.3 57.5	1071.2 1070.7 1077.5 1075.7 1068.5	5121
02N/17W-09N03 S	1047.8	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	15.6 15.9 14.4 14.4 14.4 15.7	1032.2 1031.9 1035.4 1033.4 1033.4 1032.1	5121						
02N/18W-07F04 S	753.4	12/04/84 02/05/85 04/10/85 05/14/85 07/29/85 09/25/85	54.6 54.8 56.9 55.4 59.6 59.6	698.0 698.6 696.5 698.0 693.8 693.6	5121						
02N/18W-08C02 S		12/03/84 02/01/85 03/27/85 05/14/85 07/29/85 09/25/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
02N/18W-09N01 S		12/03/84 02/01/85 03/27/85 05/14/85 07/29/85 09/25/85	FLOW FLOW FLOW FLOW FLOW FLOW		5121						
02N/18W-13C01 S	939.2	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	55.9 55.4 54.6 54.4 53.8 56.1	883.3 883.0 884.6 884.0 885.4 883.1	5121						
02N/18W-14C03 S	883.2	10/04/84 12/04/84 02/01/85 03/27/85 05/14/85 07/29/85	33.8 33.2 31.8 31.7 31.8 32.2	849.4 850.0 851.4 851.5 851.4 851.0	5121						
U-03.F0	THOUSAND OAKS H54										
01N/19W-02L01 S	945.2	12/03/84 02/06/85 04/09/85 06/04/85 07/26/85	58.2 57.6 60.2 61.4 62.7	887.0 887.6 885.0 883.0 882.5	5121						
01N/19W-14K04 S	907.9	12/03/84 02/06/85 04/09/85 06/04/85 07/26/85	23.9 23.2 23.3 24.0 24.6	884.0 884.7 884.6 883.9 883.3	5121						
01N/19W-15E01 S	902.6	11/30/84 02/06/85 04/09/85 06/04/85 07/26/85	26.8 25.9 26.2 27.1 27.7	875.8 876.7 876.4 875.5 874.9	5121						
02N/18W-31K01 S	1148.5	11/30/84 02/06/85 04/04/85 06/04/85 07/26/85	27.6 23.5 23.3 24.1 24.3	1120.9 1125.0 1125.2 1124.4 1124.2	5121						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.A U-05.A2	LOS ANGELES WB LA-SAN GABRIEL RIVER HU COASTAL PLAIN NA WEST COAST NSA					U U-05 U-05.A U-05.A2	LOS ANGELES WB LA-SAN GABRIEL RIVER HU COASTAL PLAIN NA WEST COAST NSA				
025/14W-19K02 S	57.0	10/24/84 04/10/85	60.7 59.6	-3.7 -2.6	5050	035/14W-14A01 S	84.0	10/17/84 03/28/85 04/04/85	119.0 119.4(5) 118.6	-35.0 -35.4 -34.6	5050 4776 5050
025/14W-19K03 S	57.0	10/24/84 04/10/85	69.1 67.5	-12.1 -10.5	5050	035/14W-14001 S	50.0	10/16/84 03/28/85 04/04/85	120.1 208.0(1) 115.8	-70.1 -158.0 -65.8	5050 4776 5050
025/14W-19001 S	48.9	10/24/84 04/10/85	54.1 53.0	-5.2 -4.1	5050	035/14W-17G02 S	87.0	10/23/84 04/09/85	109.9 105.4	-22.9 -18.4	5050
025/14W-27M01 S	155.0	10/24/84 04/10/85	214.1 209.5	-59.1 -54.5	5050	035/14W-18C01 S	98.8	10/19/84 04/08/85	98.0 96.0	.8 2.8	5050
025/14W-34F01 S	152.0	10/23/84 04/10/85	200.5 197.2	-48.5 -45.2	5050	035/14W-18K04 S		10/22/84 04/08/85	NM-0 NM-0		5050
025/14W-34L02 S	137.0	10/23/84 04/10/85	198.4 196.6	-61.4 -59.6	5050	035/14W-18N04 S	110.0	10/18/84 04/08/85	125.7 119.0	-15.7 -9.0	5050
035/13W-19K02 S	45.0	10/16/84 04/03/85	72.0 68.7	-27.0 -23.7	5050	035/14W-18N05 S	112.0	10/18/84 04/08/85	103.3 100.4	8.7 11.6	5050
035/13W-29A02 S	67.0	10/15/84 04/04/85	113.7 103.3	-46.7 -36.3	5050	035/14W-19E02 S	148.7	10/18/84 04/08/85	138.4 131.5	10.3 17.2	5050
035/13W-29C08 S		04/16/85	NM-8		5050	035/14W-20P01 S	73.8	10/18/84 04/05/85	77.2 93.4	-3.4 -9.6	5050
035/13W-29006 S	49.0	10/15/84 04/04/85	100.3 97.4	-51.3 -48.4	5050	035/14W-21M01 S	62.0	10/17/84 03/28/85 04/04/85	113.0 83.0(5) 94.1	-51.0 -21.0 -32.1	5050 4776 5050
035/13W-29007 S	49.0	10/15/84 04/04/85	117.8 106.2	-68.8 -57.2	5050	035/14W-21M02 S	52.0	10/18/84 04/04/85	77.0 74.2	-25.0 -22.2	5050
035/13W-29F11 S	50.0	04/16/85	109.2	-59.2	5050	035/14W-22A01 S	48.0	10/16/84 03/28/85 04/04/85	84.4 76.0(5) 78.1	-36.4 -28.0 -30.1	5050 4776 5050
035/13W-30A10 S	43.0	10/17/84 04/09/85	103.4 97.1	-60.4 -54.1	5050	035/14W-22A02 S	50.0	10/16/84 03/28/85 04/04/85	119.5 113.0(5) 111.7	-69.5 -63.0 -61.7	5050 4776 5050
035/13W-30J01 S	36.2	10/16/84 04/09/85	94.6 90.6	-58.4 -54.4	5050	035/14W-22K01 S	50.0	10/16/84 03/28/85 04/04/85	84.5 82.3(5) 82.8	-34.5 -32.3 -32.8	5050 4776 5050
035/13W-30J05 S	35.0	10/17/84 04/09/85	69.1 60.5	-34.1 -25.5	5050	035/14W-22L01 S	51.0	10/17/84 03/28/85 04/04/85	82.2(5) 82.2(5) 82.2(5)	-31.2 -31.2 -31.2	5050 4776 5050
035/13W-30K01 S	39.5	10/17/84 04/04/85	64.1 61.6	-24.6 -22.1	5050	035/14W-22001 S	45.0	03/28/85	132.5(1)	-87.5	4776
035/13W-30001 S	33.0	10/16/84 04/03/85	44.0 41.0	-11.0 -8.0	5050	035/14W-25F03 S	38.7	10/16/84 04/03/85	61.3 58.6	-22.6 -19.9	5050
035/13W-31M01 S		10/17/84 04/09/85	NM-7 NM-7		5050	035/14W-25N02 S	39.2	10/16/84 04/09/85	60.4 60.8	-21.2 -21.6	5050
035/14W-03K01 S	76.0	10/17/84 03/28/85 04/05/85	144.0 141.0(5) 136.2	-68.0 -65.0 -60.2	5050 4776 5050	035/14W-25P04 S	25.0	10/17/84 03/28/85 04/04/85	92.8 82.0(5) 80.3	-67.8 -57.0 -55.3	5050 4776 5050
035/14W-03K02 S	76.0	10/17/84 03/28/85 04/05/85	131.5 234.0(1) 129.6	-55.5 -158.0 -53.6	5050 4776 5050	035/14W-27C01 S	45.0	10/16/84 04/03/85	83.1 75.5	-38.1 -30.5	5050
035/14W-03K03 S	76.0	10/17/84 03/28/85 04/05/85	NM-1 172.0(1) NM-1		5050 4776 5050	035/14W-29F01 S	77.3	10/15/84 04/03/85	80.0(4) 79.2	-2.7 -1.9	5050
035/14W-04N01 S	74.0	10/17/84 03/28/85 04/05/85	167.8 139.0(5) 138.6	-93.8 -65.0 -64.6	5050 4776 5050	035/14W-29J01 S	95.0	10/15/84 04/03/85	105.1(4) 101.5	-10.1 -6.5	5050
035/14W-04N02 S	74.0	10/17/84 03/28/85 04/05/85	159.1 144.2(5) 144.0	-85.1 -70.2 -70.0	5050 4776 5050	035/14W-29M01 S	114.2	10/15/84 04/03/85	118.1 115.2	-3.9 -1.0	5050
035/14W-07N01 S	125.4	10/23/84 04/09/85	122.6 120.9	2.8 4.5	5050	035/14W-29N01 S		10/15/84 04/03/85	NM-4 NM-4		5050
035/14W-09N03 S	79.8	10/23/84 04/09/85	109.7 101.7	-29.9 -21.9	5050	035/14W-30N02 S	116.7	10/17/84 04/02/85	111.9 110.5	4.8 6.2	5050
035/14W-09N04 S	80.1	10/23/84 04/09/85	118.3 NM-1	-38.2	5050	035/14W-30M02 S	175.6	10/17/84 04/02/85	166.9 165.3	8.7 10.3	5050
035/14W-09N09 S	95.5	10/23/84 04/09/85	125.5 120.3	-30.0 -24.8	5050	035/14W-30M03 S	226.1	10/17/84 04/02/85	217.1 215.5	9.0 10.6	5050
035/14W-09P01 S	81.2	10/23/84 04/09/85	116.6 104.9	-35.4 -23.7	5050	035/14W-30N01 S	182.1	10/17/84 04/02/85	173.6 172.5	8.5 9.6	5050
035/14W-11001 S	116.0	10/15/84 04/03/85	151.3 149.6	-35.3 -33.6	5050	035/14W-31001 S	117.8	10/17/84 04/04/85	108.0 107.2	9.8 10.6	5050
035/14W-11G02 S	150.0	10/16/84 03/28/85 04/03/85	228.2 NM-9 221.9	-78.2 NM-9 -71.9	5050 4776 5050	035/14W-31L03 S	151.0	10/16/84 04/04/85	157.3 156.4	-6.3 -5.4	5050
035/14W-11J02 S	160.0	10/16/84 04/03/85	234.7 261.7	-74.7 -101.7	5050	035/14W-32A02 S	95.6	10/15/84 04/03/85	106.4(4) 97.8	-10.8 -2.2	5050
035/14W-13A02 S	127.0	10/16/84 03/28/85 04/09/85	217.3 214.0(5) 206.3	-90.3 -87.0 -79.3	5050 4776 5050	035/14W-33E01 S	120.0	10/15/84 04/03/85	130.2(4) 127.0	-10.2 -7.0	5050
035/14W-13J03 S	83.0	10/17/84 03/28/85 04/04/85	157.4 154.7(5) 160.7	-74.4 -71.7 -77.7	5050 4776 5050	035/14W-33L01 S	90.0	10/15/84 04/03/85	96.0 93.2	-6.0 -3.2	5050
035/14W-13J04 S	82.0	10/17/84 03/28/85 04/04/85	154.2 156.5(5) 162.0	-72.2 -74.5 -80.0	5050 4776 5050	035/14W-34B02 S	65.0	10/16/84 04/03/85	114.5(0) 94.0	-49.5 -29.0	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.A U-05.A2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA					U U-05 U-05.A U-05.A2	LOS ANGELES HB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA				
035/14W-34C02 S	62.8	10/01/84 04/03/85	87.0 87.0	-24.2 -24.2	5050	035/15W-25G09 S	86.0	10/17/84 04/02/85	NM-4 74.8	11.2	5050
035/14W-34H04 S	70.0	10/15/84 04/03/85	89.7 87.6	-19.7 -17.6	5050	035/15W-25H03 S	200.1	10/17/84 04/02/85	199.8 198.7	9.3 10.4	5050
035/14W-35B03 S	46.0	10/17/84 04/09/85	64.2 50.0	-18.2 -4.0	5050	035/15W-25L02 S	94.4	10/17/84 04/02/85	85.3 84.7	9.1 9.7	5050
035/14W-35M07 S	66.0	10/15/84 04/04/85	113.0 87.0	-47.0 -21.0	5050	035/15W-25P01 S	73.0	10/17/84 04/04/85	68.7 68.6	4.3 4.4	5050
035/15W-01R01 S	112.3	10/22/84 04/08/85	105.9 104.6	6.4 7.7	5050	035/15W-25Q03 S	72.5	10/17/84 04/04/85	63.5 62.4	9.0 10.1	5050
035/15W-11M05 S	30.0	10/22/84 04/09/85	21.8 23.1	8.2 6.9	5050	035/15W-25R02 S	76.4	10/17/84 04/02/85	169.0 168.0	-92.6 -92.6	5050
035/15W-11Q01 S	106.2	10/22/84 04/09/85	98.6 98.2	7.6 8.0	5050	035/15W-25R04 S	70.6	10/17/84	61.6	9.0	5050
035/15W-12A01 S	127.3	10/22/84 04/08/85	118.9 116.3	8.2 10.8	5050	035/15W-36A02 S	64.2	10/17/84 04/04/85	54.7 52.2	9.5 12.0	5050
035/15W-12B01 S	103.4	10/22/84 04/08/85	99.5 98.9	3.9 4.5	5050	045/12W-30R01 S	7.7	10/24/84 04/16/85	77.3 71.2	-69.6 -63.5	5050
035/15W-12G01 S	112.6	04/08/85	104.4	8.2	5050	045/12W-32G01 S	38.0	10/24/84 04/03/85	39.1 38.2	-1.1 -2	5050
035/15W-12H02 S	127.1	10/23/84 04/08/85	106.3 106.4	20.8 20.7	5050	045/13W-06Q01 S		10/22/84 04/03/85	NM-4 NM-6		5050
035/15W-12J01 S	111.2	10/23/84 04/09/85	99.2 98.2	12.0 13.0	5050	045/13W-07M01 S	20.3	10/18/84 04/03/85	79.7 82.1	-59.4 -61.8	5050
035/15W-12R02 S	95.9	10/23/84 04/09/85	84.1 82.0	11.8 13.9	5050	045/13W-09H02 S	25.7	10/18/84 04/10/85	107.4 97.7	-81.7 -72.0	5050
035/15W-13A04 S	122.1	10/19/84 04/19/85	101.6 98.6	20.5 23.5	5050	045/13W-10C02 S	27.1	10/22/84 04/16/85	130.0 123.2	-102.9 -96.1	5050
035/15W-13H02 S	104.3	10/19/84 04/19/85	22.1 21.6	82.2 12.7	5050	045/13W-10E02 S	25.0	10/18/84 04/10/85	47.2 44.2	-22.2 -19.2	5050
035/15W-13H03 S	103.0	10/19/84 04/19/85	35.0 37.7	68.0 65.3	5050	045/13W-10E03 S	26.0	10/18/84 04/10/85	106.1 95.7	-80.1 -69.7	5050
035/15W-13H08 S	98.2	10/19/84 04/19/85	87.2 86.0	11.0 12.2	5050	045/13W-14L01 S	28.5	10/22/84 04/17/85	47.5 46.2	-19.0 -17.7	5050
035/15W-13H09 S	98.2	10/19/84 04/19/85	85.2 84.9	13.0 13.3	5050	045/13W-15Q01 S	22.0	10/17/84 04/09/85	38.0 35.3	-16.0 -13.3	5050
035/15W-13J04 S	98.8	10/19/84 04/19/85	93.2 92.9	5.6 5.9	5050	045/13W-15R03 S	20.0	10/17/84 04/08/85	41.5 NM-6	-21.5	5050
035/15W-13R02 S	153.2	10/19/84 04/19/85	68.0 72.2	85.2 81.0	5050	045/13W-16R02 S	25.0	04/28/85	100.0	-75.0	5050
035/15W-13R03 S	153.9	10/19/84 04/19/85	121.0 122.3	12.9 11.6	5050	045/13W-19B01 S	40.0	10/09/84 04/03/85	99.3 82.2	-59.3 -62.2	5050
035/15W-13R06 S	149.0	10/19/84 04/19/85	144.8 145.6	4.2 3.4	5050	045/13W-19J02 S	44.3	10/22/84 04/09/85	95.4 90.6	-51.1 -46.3	5050
035/15W-13R08 S	155.7	10/22/84 04/19/85	139.9 140.6	15.8 15.1	5050	045/13W-19J06 S	40.0	10/22/84 04/09/85	NR.1(4) 86.0(4)	-48.1 -46.0	5050
035/15W-13R10 S	158.1	10/19/84 04/19/85	139.2 141.3	18.9 16.8	5050	045/13W-20K01 S	37.0	10/18/84 04/17/85	96.1 89.8	-59.1 -52.8	5050
035/15W-14J01 S	154.9	10/22/84 04/19/85	148.3 147.5	6.6 7.4	5050	045/13W-21H02 S	35.0	02/28/85	100.8	-65.8	5050
035/15W-24F06 S	122.4	10/18/84 04/03/85	107.1 110.9	15.3 11.5	5050	045/13W-21H05 S	21.0	02/28/85	89.6	-68.6	5050
035/15W-24H02 S	125.9	10/18/84 04/08/85	109.0 109.0	16.9 16.9	5050	045/13W-21H06 S	20.0	02/28/85	85.8	-65.8	5050
035/15W-24H07 S	125.9	10/18/84 04/08/85	109.0 109.0	16.9 16.9	5050	045/13W-21H07 S	30.0	02/28/85	97.0	-57.0	5050
035/15W-24K01 S	123.3	10/18/84 04/03/85	109.9 108.8	13.4 14.5	5050	045/13W-21J02 S	34.0	02/28/85	99.5	-65.5	5050
035/15W-24M01 S	93.0	10/18/84 04/03/85	82.3 80.8	10.7 12.2	5050	045/13W-21R01 S	31.0	10/03/84 04/13/85	113.5 105.5	-82.5 -74.5	5050
035/15W-24P01 S	119.9	10/18/84 04/03/85	105.8 104.1	14.1 15.8	5050	045/13W-21R02 S	39.8	10/13/84 04/03/85	110.0 110.0	-70.2 -70.2	5050
035/15W-24P02 S	162.9	10/18/84 04/03/85	152.3 150.8	10.6 12.1	5050	045/13W-22E01 S	20.0	02/28/85	87.8	-67.8	5050
035/15W-25A03 S	156.0	10/18/84 04/08/85	150.8 147.8	5.2 8.2	5050	045/13W-22F01 S	20.0	02/28/85	87.5	-67.5	5050
035/15W-25B02 S	126.5	10/17/84 04/02/85	117.2 115.7	9.3 10.8	5050	045/13W-22F02 S	21.9	10/18/84 04/10/85	100.4 88.5	-78.5 -66.6	5050
035/15W-25C04 S	136.8	10/17/84 04/02/85	126.4 125.1	10.4 11.7	5050	045/13W-22P01 S	16.0	10/18/84 04/08/85	101.0 94.6	-85.0 -78.6	5050
035/15W-25C05 S	103.8	10/17/84 04/02/85	96.8 96.3	7.0 7.5	5050	045/13W-22Q03 S	15.3	10/22/84 04/10/85	93.1 83.9	-77.8 -68.6	5050
035/15W-25Q01 S	82.7	10/17/84 04/02/85	77.8 77.1	4.9 5.6	5050	045/13W-22Q04 S	15.5	10/22/84 04/10/85	92.5 82.8	-77.0 -67.3	5050
035/15W-25Q02 S	22.6	10/17/84 04/02/85	19.2 19.0	3.4 3.6	5050	045/13W-22Q05 S	15.9	10/22/84 04/10/85	34.3 31.9	-18.4 -16.0	5050
						045/13W-23B02 S	24.5	10/22/84 04/10/85	103.2 93.9	-78.7 -69.0	5050
						045/13W-23N03 S	17.4	10/22/84	93.8	-76.4	5050

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-03 U-05.A U-05.42	LOS ANGELES NB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA					U U-05 U-05.A U-05.42	LOS ANGELES NB LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA				
045/13W-23N03 S	17.4	04/10/83	84.2	-66.8	5050	045/13W-33J02 S	22.7	04/10/85	31.6	-8.9	5050
045/13W-23N04 S	17.4	10/22/84 04/10/85	33.5 32.0	-16.1 -14.6	5050	045/14W-01F02 S	51.0	10/15/84 04/04/85	107.3 104.0	-56.3 -53.0	5050
045/13W-23F01 S	13.1	10/24/84 04/10/85	26.6 26.1	-13.5 -13.0	5050	045/14W-01F03 S	50.8	10/15/84 04/04/85	111.4 104.5	-60.6 -53.7	5050
045/13W-26A02 S	32.0	10/24/84 04/10/85	109.4 99.3	-77.4 -67.3	5050	045/14W-01P01 S	46.0	10/19/84 04/04/85	103.0 99.3	-37.0 -53.3	5050
045/13W-26A04 S	31.8	10/24/84 04/10/85	46.1 43.2	-14.3 -13.4	5050	045/14W-05F01 S	92.0	10/16/84 04/04/85	91.9 90.4	.1 1.6	5050
045/13W-26F05 S	12.9	10/22/84 04/17/85	91.5 83.4	-79.0 -70.9	5050	045/14W-06G04 S	196.7	10/16/84 04/04/85	184.6 183.7	12.1 13.0	5050
045/13W-26F07 S	12.8	10/22/84 04/15/85	28.3 29.7	-15.5 -16.9	5050	045/14W-06G05 S	166.3	10/16/84 04/04/85	154.5 154.7	12.0 11.8	5050
045/13W-26R02 S	26.0	10/24/84 04/10/85	93.5 84.8	-65.3 -56.8	5050	045/14W-06H01 S	181.0	10/16/84 04/04/85	170.3 169.4	10.7 11.6	5050
045/13W-26R03 S	27.4	10/24/84 04/10/85	41.0 40.5	-13.6 -13.1	5050	045/14W-06L01 S	71.3	10/17/84 04/08/85	96.7 55.6	14.6 15.7	5050
045/13W-27E01 S	39.2	10/22/84 04/10/85	115.8 107.1	-76.6 -67.9	5050	045/14W-07C03 S	62.2	10/17/84 04/08/85	54.9 54.0	7.3 8.2	5050
045/13W-27E02 S	39.0	10/22/84 04/10/85	69.9 67.0	-30.9 -28.0	5050	045/14W-07D01 S	13.8	10/10/84 04/08/85	9.0 9.3	4.8 4.5	5050
045/13W-27N01 S	11.2	10/22/84 04/10/85	27.1 25.6	-15.9 -14.4	5050	045/14W-07F01 S	65.0	10/18/84 04/08/85	59.3 54.8	5.7 10.2	5050
045/13W-27K02 S	9.0	10/24/84 04/30/85	86.8 77.3	-77.8 -68.3	5050	045/14W-07K02 S	87.0	10/18/84 04/08/85	77.8 77.8	9.2 9.2	5050
045/13W-27K03 S	13.8	10/24/84 04/10/85	34.2 31.9	-20.4 -18.1	5050	045/14W-07P01 S		10/18/84 04/08/85	NH-3 NH-5		5050
045/13W-27N03 S	28.0	10/19/84 04/09/85	107.3 99.4	-79.3 -71.4	5050	045/14W-07P03 S	73.6	10/18/84 04/08/85	67.1 66.8	6.5 6.8	5050
045/13W-27P02 S	10.8	10/24/84 04/10/85	84.0 74.8	-73.2 -64.0	5050	045/14W-08D02 S		10/17/84 04/03/85	NH-3 NH-3		5050
045/13W-27P03 S	10.5	10/24/84 04/30/85	37.6 34.3	-27.1 -24.0	5050	045/14W-08E03 S	135.7	10/16/84 04/05/85	122.2 121.2	13.5 14.5	5050
045/13W-28N01 S	46.1	10/23/84 04/09/85	80.7 78.3	-34.6 -32.2	5050	045/14W-08G03 S	97.0	10/16/84 04/03/85	95.8 95.6	1.2 1.4	5050
045/13W-28N02 S	43.0	10/23/84 04/09/85	76.0 74.2	-31.0 -29.2	5050	045/14W-08N03 S	140.0	10/16/84 04/03/85	128.2 129.2	11.8 10.8	5050
045/13W-28N04 S	37.0	10/23/84	103.6	-66.6	5050	045/14W-08P02 S	108.0	10/16/84 04/03/85	106.1 106.0	1.9 2.0	5050
045/13W-28N06 S	37.7	10/23/84	77.6	-39.9	5050	045/14W-09Q01 S	100.6	10/13/84 04/03/85	108.9 107.6	-8.3 -7.0	5050
045/13W-29E03 S		10/19/84 04/16/85	NH-0 NH-0		5050	045/14W-10D02 S	107.0	10/16/84 04/02/85	125.3 121.3	-38.3 -14.3	5050
045/13W-30A05 S	35.0	10/09/84 04/03/85	106.3 93.1	-71.5 -58.1	5050	045/14W-10D03 S	108.7	10/30/84 04/02/85	179.5 ORY	-66.8	5050
045/13W-30G01 S	37.1	10/05/84 04/12/85	87.7 84.8	-30.6 -47.7	5050	045/14W-10K02 S	93.9	10/01/84 04/03/85	132.0 130.0	-38.1 -36.1	5050
045/13W-30G03 S	26.0	10/05/84 04/10/85	87.0 88.6	-61.0 -62.6	5050	045/14W-10K03 S	90.0	10/01/84 04/03/85	106.3 102.3	-16.3 -12.3	5050
045/13W-30K01 S	36.0	10/17/84 04/17/85	93.0 83.3	-57.0 -47.3	5050	045/14W-15N01 S	78.2	10/16/84 04/02/85	88.8 92.3	-10.6 -14.1	5050
045/13W-31E02 S	19.0	10/09/84 04/03/85	76.4 77.1	-57.4 -58.1	5050	045/14W-16F01 S	81.0	10/15/84 04/03/85	91.8 84.1	-10.8 -3.1	5050
045/13W-31E04 S	22.0	10/10/84 04/03/85	72.4 85.2	-50.4 -63.2	5050	045/14W-16L04 S	77.0	10/01/84 04/03/85	90.4 90.4	-13.4 -13.4	5050
045/13W-31J01 S	35.2	10/23/84 04/15/85	71.9 67.7	-36.7 -32.5	5050	045/14W-17001 S	156.4	10/16/84 04/05/85	146.6 147.1	9.8 9.3	5050
045/13W-31J03 S	21.4	10/23/84 04/15/85	41.7 43.0	-20.3 -21.6	5050	045/14W-17002 S	156.4	10/16/84 04/03/85	139.9 140.6	16.5 15.8	5050
045/13W-34A01 S	6.8	10/23/84 04/10/85	83.4 73.9	-76.6 -67.1	5050	045/14W-17009 S	129.3	10/16/84 04/05/85	114.5 114.6	14.8 14.7	5050
045/13W-34A02 S	8.5	10/23/84 04/10/85	21.7 21.4	-13.2 -12.9	5050	045/14W-17F02 S	180.5	10/16/84 04/05/85	174.0 174.0	6.5 6.5	5050
045/13W-34A03 S	6.9	10/23/84 04/10/85	23.1 23.9	-18.2 -17.0	5050	045/14W-17H01 S	96.0	10/18/84 04/03/85	92.3 92.9	3.7 3.1	5050
045/13W-33B02 S	6.7	10/27/84 04/15/85	27.7 29.8	-21.0 -23.1	5050	045/14W-17H02 S	92.0	10/15/84 04/03/85	91.9 91.5	.1 .5	5050
045/13W-33B03 S	6.7	10/24/84 04/15/85	23.9 23.3	-17.2 -16.6	5050	045/14W-17P02 S	74.3	10/18/84 04/08/85	69.0 68.9	5.3 5.4	5050
045/13W-33B04 S	6.7	10/24/84 04/15/85	18.2 18.6	-11.5 -11.9	5050	045/14W-18A01 S	87.0	10/18/84 04/08/85	79.9 78.9	8.1 8.1	5050
045/13W-33F01 S	9.0	10/24/84 04/16/85	16.6 17.4	-7.6 -8.4	5050	045/14W-18F01 S	15.3	10/18/84 04/08/85	12.4 12.4	2.7 2.9	5050
045/13W-35J02 S	22.7	10/24/84	32.1	-9.4	5050						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-05 U-05.A U-05.A2	LOS ANGELES HA LA-SAN GABRIEL RIVER MU COASTAL PLAIN HA WEST COAST HSA					U-05 U-05.A U-05.A5	LOS ANGELES HA LA-SAN GABRIEL RIVER MU COASTAL PLAIN HA CENTRAL HSA				
04S/14W-18N02 S		10/18/84 04/05/85	DRY DRY		5050	03S/11W-27G03 S	84.0	11/13/84 02/04/85 07/16/85 09/24/85	77.4 81.7 87.9 79.3	-13.4 2.3 -3.9 -15.3	5102
04S/14W-18J01 S	133.0	10/18/84 04/09/85	126.4 126.7	6.6 6.3	5050						
04S/14W-18J02 S	133.0	10/18/84 04/05/85	123.6 123.1	9.4 9.9	5050	03S/12W-23C03 S	82.9	05/02/85 08/20/85	51.1 52.2	31.8 30.7	4417
04S/14W-18K01 S	73.0	10/18/84 04/08/85	66.2 66.4	6.8 6.6	5050	03S/12W-31E03 S	52.2	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/26/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	124.3 115.7 100.7 91.5 85.9 87.1 95.7 101.1 104.2 111.7 113.4 108.1	-72.1 -63.5 -48.5 -39.3 -33.7 -34.9 -43.5 -48.9 -52.0 -59.5 -61.2 -55.9	4206
04S/14W-18P01 S	47.5	10/18/84 04/08/85	1.7(3) NM-4	45.8	5050						
04S/14W-18O01 S	100.0	10/18/84 04/05/85	94.0 94.1	6.0 5.9	5050	03S/13W-05F02 S	114.0	10/15/84 04/18/85	165.6 186.0	-51.6 -72.0	5050
04S/14W-18O03 S	101.0	10/18/84 04/05/85	91.6 91.5	9.4 9.5	5050	03S/13W-21R01 S	91.8	10/15/84 04/04/85	143.9 131.3	-52.1 -39.5	5050
04S/14W-20O02 S	116.5	10/18/84 04/05/85	107.0 107.7	9.5 8.8	5050	03S/13W-26F01 S	61.0	10/15/84 04/04/85	110.4 121.1	-49.4 -60.1	5050
04S/14W-20O03 S	116.4	10/18/84 04/05/85	105.6 105.8	10.8 10.6	5050	03S/13W-27E02 S	89.3	04/01/85	137.0	-47.7	5050
04S/14W-20O06 S	125.0	10/18/84 04/08/85	112.7 113.0	12.3 12.0	5050	03S/13W-28G01 S		10/15/84 04/16/85	NM-6 NM-6		5050
04S/14W-20D08 S	145.0	10/18/84 04/08/85	133.6 133.5	11.4 11.5	5050	04S/12W-06K04 S	46.0	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/26/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	164.3(1) 100.0 162.0(1) 82.0 70.5 79.0 145.6(1) 152.2(1) 145.8(1) 164.3(1) 104.5 106.2	-118.3 -54.0 -116.0 -36.0 -24.5 -53.0 -99.6 -106.2 -99.8 -118.3 -58.5 -60.2	4206
04S/14W-20G02 S	90.9	10/18/84 04/08/85	81.6 81.5	9.3 9.4	5050	04S/12W-13J02 S	28.0	05/01/85 08/20/85	35.4 46.7	-7.4 -18.7	4417
04S/14W-20G03 S	90.1	10/18/84 04/08/85	75.5 75.5	14.6 14.6	5050	04S/12W-15B02 S	40.0	10/22/84 11/20/84 12/20/84 01/25/85 02/28/85 03/29/85 04/26/85 05/27/85 06/28/85 07/26/85 08/30/85 09/27/85	52.2 50.4 49.2 48.2 47.0 45.1 47.2 46.7 49.2 51.2 51.6 52.9 52.0 52.3	-12.2 -10.4 -9.2 -8.2 -7.0 -5.1 -7.2 -6.7 -9.2 -11.2 -11.6 -10.9 -12.0 -12.3	4206
04S/14W-21F01 S	72.0	10/18/84 04/09/85	74.6 74.3	-2.6 -2.3	5050	04S/12W-36C01 S	14.0	05/01/85 08/20/85	20.5 27.8	-6.5 -13.8	4417
04S/14W-21G01 S	71.0	10/15/84 04/09/85	80.3 79.3	-9.3 -8.3	5050	04S/13W-12E01 S	34.0	10/22/84 04/09/85	109.0 101.6	-75.0 -67.6	5050
04S/14W-21L02 S	73.2	10/18/84 04/09/85	78.7 78.0	-5.5 -4.8	5050	04S/13W-12E06 S	38.0	10/17/84 04/08/85	106.5 100.3	-68.5 -82.3	5050
04S/14W-21N01 S	101.3	10/15/84 04/02/85	114.1 106.5	-12.8 -5.2	5050	04S/13W-12K01 S	89.0	03/29/85	117.1	-28.1	5050
04S/14W-22N01 S	79.0	10/15/84 04/09/85	NM-4 94.0	-15.0	5050	04S/13W-13O01 S	25.0	10/17/84 04/08/85	101.5 89.1	-76.5 -64.1	5050
04S/14W-22O01 S	74.3	10/15/84 04/09/85	93.4 93.7	-21.1 -19.4	5050	05S/12W-02J02 S	10.0	10/24/84 04/17/85	48.5 30.9	-38.5 -20.5	5050
04S/14W-28G01 S	161.4	10/18/84 04/02/85	179.7 178.8	-18.3 -17.4	5050						
04S/14W-39E06 S	178.4	10/15/84 04/02/85	232.9 218.4	-54.5 -40.0	5050	U-05.C U-05.C1	RAYMOND HA PASADENA HSA				
04S/14W-39E07 S	184.9	10/12/84 04/02/85	223.1 223.2	-38.2 -40.3	5050	01N/11W-07N01 S	1340.0	10/11/84 04/11/85	73.8 78.3	1266.2 1261.7	9090
04S/14W-35F02 S		04/02/85	NM-6		5050	01N/11W-07N02 S	1330.0	10/11/84 04/11/85	158.1 160.9	1171.9 1169.1	5050
04S/14W-36N01 S	44.0	10/09/84 04/03/85	94.2 84.9	-50.2 -40.9	5050	01N/11W-18C01 S	1189.0	10/11/84 04/11/85	51.0 52.0	1138.0 1137.0	5050
04S/14W-36J01 S	47.0	10/16/84 04/10/85	95.8 90.2	-48.8 -43.2	5050	01N/11W-29G01 S	521.0	10/11/84 04/11/85	24.2 11.1	496.8 509.9	5050
05S/12W-10P01 S	5.0	10/24/84 04/16/85	3.6 3.6	1.4 1.4	5050	01N/11W-29M02 S	571.7	10/12/84 04/12/85	85.6 64.4	486.1 507.3	5050
05S/13W-02J03 S	14.7	10/23/84 04/16/85	29.6 32.8	-14.9 -18.1	5050	01N/11W-30N01 S	629.0	10/12/84 04/12/85	136.0 118.9	493.0 510.1	5050
05S/13W-03L01 S	11.5	10/18/84 04/08/85	-2.5 -3.5	14.1 15.1	5050	01N/11W-30J01 S	600.6	10/12/84 04/12/85	118.9 100.0(4)	481.7 500.6	5050
05S/13W-03R17 S	16.0	10/23/84 04/15/85	35.9 36.4	-19.9 -20.4	5050	01N/11W-30K01 S	634.0	10/12/84 04/12/85	138.5 118.7	495.5 515.3	5050
05S/13W-03P19 S	15.3	10/23/84 04/15/85	23.5 27.3	-8.2 -12.0	5050						
05S/13W-04E02 S	-1.5	10/23/84 04/15/85	8.4 10.2	-9.9 -11.7	5050						
U-05.A3	SANTA MONICA HSA										
02S/15W-22E03 S	10.0	10/24/84 04/10/85	7.5 7.9	2.5 2.1	5050						
02S/15W-22E05 S	10.0	10/24/84 04/10/85	7.8 7.9	2.2 2.1	5050						
U-05.A5	CENTRAL HSA										
02S/14W-22P03 S	167.0	10/24/84 04/10/85	224.6 215.8	-57.6 -48.8	5050						
02S/14W-22P04 S	170.0	10/24/84 04/10/85	219.6 219.1	-49.6 -49.1	5050						
03S/11W-27G03 S	64.0	10/02/84	79.4	-15.4	5102						

TABLE O (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.C U-05.C1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU RAYMOND HA PASADENA HSA					U U-05 U-05.C U-05.C1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU RAYMOND HA PASADENA HSA				
01N/11W-30001 S	603.6	10/12/84 04/12/85	81.8 80.5	521.8 523.1	5050	01N/12W-36M01 S	608.0	10/12/84 04/12/85	153.9(5) 133.9	432.1 472.1	5050
01N/11W-30003 S	580.0	10/12/84 04/12/85	83.8 72.3	496.2 507.7	5050	U-05.C2 MONK HILL HSA					
01N/11W-30R01 S	581.0	10/12/84 04/12/85	90.0 74.1	491.0 506.9	5050	01N/12W-03001 S	1800.0	10/24/84 04/11/85	22.5 26.0	1777.5 1774.0	5050
01N/11W-30R03 S	585.0	10/12/84 04/12/85	107.2 87.0	477.8 498.0	5050	01N/12W-04001 S	1510.0	10/11/84 04/11/85	259.3 261.4	1250.7 1248.6	5050
01N/11W-31002 S	590.0	10/11/84 04/11/85	113.8 98.3	476.2 491.7	5050	01N/12W-05601 S	1302.0	10/11/84 04/11/85	251.1 261.8	1050.9 1040.2	5050
01N/12W-09R01 S	1109.3	10/11/84	177.3	932.0	5050	01N/12W-05P01 S	1201.7	10/11/84 04/11/85	249.0 250.3(5)	952.7 951.4	5050
01N/12W-11J01 S	1115.0	04/12/85	16.7	1098.3	5050	01N/12W-05002 S	1198.0	10/11/84 04/11/85	273.5 260.2	924.5 937.8	5050
01N/12W-11N03 S	1173.2	10/12/84 04/12/85	192.0 192.3	981.2 980.9	5050	01N/12W-06M01 S	1179.0	10/11/84 04/11/85	194.1 186.0	984.9 991.0	5050
01N/12W-11N04 S	1173.2	10/12/84 04/12/85	344.6 146.9	828.6 1028.3	5050	01N/12W-06M04 S	1172.0	10/11/84 04/11/85	184.7 176.2	987.3 995.8	5050
01N/12W-13C01 S	958.0	10/12/84 04/12/85	37.2 27.1	920.8 930.9	5050	01N/12W-06M05 S	1192.9	10/11/84 04/11/85	207.7 204.6(5)	985.2 986.3	5050
01N/12W-13E03 S	964.6	10/12/84 04/12/85	216.0(5) 234.5	748.6 710.1	5050	01N/12W-06M06 S	1161.0	10/11/84 04/11/85	177.5 168.3	983.5 992.7	5050
01N/12W-13K01 S	870.9	10/12/84 04/12/85	381.0(5) NN-3	489.9	5050	01N/12W-06M09 S	1153.0	10/11/84 04/11/85	182.5 173.0	970.5 980.0	5050
01N/12W-13L01 S	903.3	10/12/84 04/12/85	128.2 133.8	775.1 769.5	5050	01N/12W-08M01 S		10/11/84 04/11/85	NN-1 DRY		5050
01N/12W-24R04 S	775.7	10/12/84 04/12/85	179.4 22.1	596.3 753.6	5050	01N/12W-08M02 S	1155.0	10/11/84 04/11/85	229.8 222.0	925.2 933.0	5050
01N/12W-25E01 S	719.8	10/12/84 04/10/85	219.8 NN-7	500.0	5050	01N/12W-08M03 S		10/11/84 04/11/85	NN-7 NN-7		5050
01N/12W-25601 S	698.8	10/12/84 04/12/85	192.0 185.4	506.8 513.4	5050	01N/12W-09E01 S	1187.7	10/11/84 04/11/85	273.4 270.4	914.3 917.3	5050
01N/12W-25L01 S	683.0	10/12/84 04/12/85	184.0 176.8	499.0 506.2	5050	01N/12W-09K01 S	1130.0	10/11/84 04/11/85	199.0 199.2	931.0 930.8	5050
01N/12W-25L02 S	674.5	10/12/84 04/12/85	166.2 173.2	508.3 501.3	5050	01N/12W-09001 S	1129.2	10/11/84 04/11/85	238.8 232.2	890.4 897.0	5050
01N/12W-26401 S	754.2	10/12/84 04/12/85	253.8 244.3	500.4 509.9	5050	01N/13W-01801 S	1294.0	10/11/84 04/11/85	179.0 181.2	1115.0 1112.8	5050
01N/12W-26R01 S	681.6	10/12/84 04/12/85	183.6 178.0	498.0 503.6	5050	01N/13W-01E01 S	1240.0	10/11/84 04/11/85	132.8 132.2	1107.2 1107.8	5050
01N/12W-28M01 S	793.9	10/12/84 04/12/85	193.4 193.9	600.5 600.0	5050	01N/13W-01F01 S	1185.0	10/11/84 04/11/85	89.0 91.3	1096.0 1093.7	5050
01N/12W-33R01 S		10/12/84 04/12/85	NN-7 NN-7		5050	01N/13W-01L01 S	1178.0	10/11/84 04/11/85	68.3 68.7	1109.7 1108.3	5050
01N/12W-34401 S	736.0	10/11/84 04/11/85	267.4 264.7	468.6 471.3	5050	01N/13W-01N01 S	1330.0	10/11/84 04/11/85	64.8 57.5	1265.2 1272.5	5050
01N/12W-34C01 S	726.8	10/12/84 04/12/85	218.8 208.9	508.0 517.9	5050	01N/13W-02801 S	1355.0	10/11/84 04/11/85	162.3 162.9	1192.7 1192.1	5050
01N/12W-34E01 S	695.0	10/12/84 04/12/85	165.0 160.7	530.0 534.3	5050	02N/13W-34A03 S	1629.2	10/11/84 04/11/85	133.9 133.6	1495.3 1495.6	5050
01N/12W-34E02 S	751.9	10/12/84 04/12/85	215.7 203.3	536.2 548.6	5050	02N/13W-34A04 S		10/11/84 04/11/85	NN-7 DRY		5050
01N/12W-34E04 S	667.3	10/12/84 04/12/85	198.5 198.0	468.8 469.3	5050	02N/13W-34B02 S	1632.0	10/11/84 04/11/85	133.3 134.9	1498.7 1497.1	5050
01N/12W-34E11 S		10/12/84 04/12/85	NN-5 NN-5		5050	U-05.C3 SANTA ANITA HSA					
01N/12W-34M01 S	659.0	10/11/84 04/11/85	168.7 156.0	490.3 503.0	5050	01N/11W-20001 S	659.3	10/11/84 04/11/85	189.7 164.5	469.6 494.8	5050
01N/12W-34L01 S	703.0	10/12/84 04/12/85	216.1 215.5	486.9 487.5	5050	01N/11W-20002 S	697.5	10/11/84 04/11/85	81.5 83.4	616.0 614.1	5050
01N/12W-34N01 S	707.2	10/12/84 04/12/85	106.5(4) 118.2(4)	600.7 589.0	5050	01N/11W-21C02 S	702.0	10/11/84 04/11/85	217.3 202.6	484.7 499.4	5050
01N/12W-35801 S	671.0	10/12/84 04/12/85	176.3 176.2	494.7 494.8	5050	01N/11W-21C03 S	703.8	10/11/84 04/11/85	224.5 198.9	479.3 504.9	5050
01N/12W-35C01 S	693.0	10/11/84 04/11/85	NN-1 191.4		5050	01N/11W-21C06 S	705.0	10/11/84 04/11/85	221.1 197.1	483.9 507.9	5050
01N/12W-36401 S	611.6	10/12/84 04/12/85	134.6(5) 117.8	476.8 493.8	5050	01N/11W-21C07 S	680.0	10/11/84 04/11/85	195.7 141.9	484.3 498.1	5050
01N/12W-36C01 S		10/12/84 04/12/85	NN-3 NN-3		5050	01N/11W-21602 S	602.0	10/11/84 04/11/85	113.8 107.5	488.2 494.5	5050
01N/12W-36E01 S	623.1	10/12/84 04/12/85	NN-1 180.2		5050	01N/11W-21603 S	611.5	10/11/84 04/11/85	124.8 112.4	486.7 499.1	5050
01N/12W-36E02 S		10/12/84 04/12/85	NN-1 183.8		5050	01N/11W-21605 S	608.4	10/11/84 04/11/85	125.7 115.9	482.7 492.6	5050

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U-05 U-05.C U-05.C3	LOS ANGELES H8 LA-SAN GABRIEL RIVER HU RAYMONO HA SANTA ANITA H5A					U-05 U-05.0 U-05.01	LOS ANGELES H8 LA-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL H5A				
01N/11W-21H02 5	602.4	10/11/84 04/11/85	117.6 113.8	484.8 488.6	5050	01S/12W-13H01 5	355.8	01/16/85 02/06/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85	167.6 144.9 168.1 168.2 169.3 172.5 NM-7	188.2 188.9 187.7 187.6 186.3 183.3	1733
01N/11W-21H03 5	609.5	10/11/84 04/11/85	128.3 115.8	481.2 493.7	5050			06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	177.2 184.5 180.6 181.5 181.5 181.5	178.6 171.3 175.2 174.3 174.3 170.0	
01N/11W-22H01 5	355.4	10/12/84 04/11/85	215.2(6) 219.5	140.2 135.9	5050						
01N/11W-22H02 5		10/12/84 04/11/85	NM-7 ORY		5050						
01N/11W-20C01 5	546.3	10/12/84 04/12/85	71.8 59.2	474.5 487.1	5050						
U-05.0 U-05.01	SAN GABRIEL VALLEY HA MAIN SAN GABRIEL H5A					U-05.E U-05.E3	SPAORA HA LIVE OAK H5A				
01N/10W-33H01 5	549.0	10/01/84 11/12/84 12/03/84 01/14/85 02/04/85 02/23/85 03/18/85 04/08/85 04/29/85 05/13/85 06/10/85 07/01/85 07/22/85 08/12/85 09/02/85 09/23/85	NM-7 285.1 285.6 288.7 278.9 280.9 281.9 284.4 286.0 NM-7 289.5 291.7 293.6 297.9 298.4 300.9	263.9 263.4 262.3 270.1 268.1 267.1 264.6 263.0	1733	01N/08W-33J01 5	1427.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/31/85 09/01/85	301.0(1) 313.0(1) 310.0 316.0(1) 321.0(1) 322.0(1) 328.0(1) 340.0(1) 347.0(1) 353.0(1)	1126.0 1114.0 1117.0 1111.0 1106.0 1105.0 1101.0 1087.0 1080.0 1074.0	4748
						U-05.F U-05.F1	ANAHEIM HA BUENA PARK H5A				
01S/10W-23F01 5	476.6	10/29/84 11/19/84 12/10/84 12/31/84 01/21/85 02/11/85 03/04/85 03/23/85 04/13/85 03/08/85 06/17/85 07/08/85 07/29/85 08/19/85 09/09/85 09/30/85	204.5 204.4 205.9 201.6 204.2 202.2 202.4 203.1 203.0 203.0 209.7 211.2 212.6 214.1 215.4 NM-3	272.1 272.2 270.7 275.0 272.4 274.4 274.2 273.5 273.6 273.6 266.9 265.4 264.0 262.5 261.2	1733	03S/09W-31J02 5	220.0	10/09/84 11/02/84 02/13/85 04/15/85 05/07/85 08/22/85	93.1 91.6 93.4 93.9 98.3 111.0	126.9 128.4 126.6 126.1 121.7 109.0	4417
						03S/09W-32K06 5	235.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	81.0 78.0 77.0 77.0 74.0 74.0 76.0 74.0 89.0 94.0 98.0 96.0	144.0 137.0 138.0 138.0 161.0 161.0 158.0 146.0 141.0 137.0 133.0	4210
01S/10W-31A02 5	320.0	10/31/84 11/21/84 12/12/84 01/02/85 01/23/85 02/13/85 03/06/85 03/27/85 04/17/85 05/08/85 05/29/85 06/19/85 07/10/85 07/31/85 08/21/85 09/11/85	79.3 79.6 76.0 77.4 46.1 78.0 79.1 78.0 82.8 82.7 86.3 88.1 94.5 93.1 92.3 95.4	240.7 240.4 244.0 242.6 273.9 241.2 240.9 242.0 237.2 237.3 233.7 231.9 225.5 224.9 227.7 224.6	1733	03S/09W-32K07 5	235.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	89.0 80.0 90.0 79.0 78.0 80.0 80.0 82.0 90.0 96.0 102.0 102.0	146.0 135.0 135.0 137.0 137.0 135.0 135.0 133.0 145.0 139.0 133.0 133.0	4210
						03S/09W-32K08 5	235.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 87.0 87.0 81.0 76.0 76.0 80.0 82.0 90.0 96.0 102.0 102.0	131.0 128.0 148.0 134.0 139.0 139.0 135.0 133.0 145.0 139.0 133.0 133.0	4210
01S/11W-11F04 5	3370.0	10/03/84 11/14/84 12/03/84 12/26/84 01/16/85 02/06/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85 06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	NM-7 3129.4 3133.2 3116.6 3115.7 3116.1 3121.3 3116.8 3118.1 NM-9 NM-7 3123.7 3136.5 3126.6 3128.5 3130.3 3139.1	240.6 236.8 253.4 254.3 253.9 248.7 253.2 251.9	1733	03S/09W-32P02 5	231.1	11/02/84 02/13/85 05/09/85 08/22/85	76.2 78.3 97.5 98.5	144.9 152.5 143.6 132.6	4417
						03S/09W-32P03 5	231.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	73.0 74.0 75.0 77.0 76.0 75.0 74.0 73.0 74.0 75.0 76.0 77.0	158.0 157.0 156.0 134.0 135.0 135.0 149.0 149.0 147.0 142.0 141.0 130.0	4210
01S/11W-20H02 5	272.0	10/03/84 11/14/84 12/03/84 12/26/84 01/16/85 02/06/85 02/27/85 03/20/85 04/10/85 05/01/85 05/22/85 06/12/85 07/03/85 07/24/85 08/14/85 09/04/85 09/25/85	NM-7 41.9 42.0 42.0 42.3 42.3 41.8 43.0 43.4 43.9 NM-7 43.5 46.7 47.6 48.7 49.6 50.3	230.1 230.0 230.0 229.7 229.7 230.2 229.0 228.6 228.1	1733	03S/09W-32P04 5	231.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	73.0 79.0 77.0 82.0 83.0 82.0 84.5 86.0 86.0 100.0 103.0 104.0	158.0 152.0 134.0 149.0 149.0 149.0 147.0 145.0 135.0 131.0 128.0 127.0	4210
01S/12W-13H01 5	355.8	10/03/84 11/14/84 12/05/84 12/26/84	NM-7 171.2 169.4 167.7	184.6 186.4 189.1	1733	03S/09W-33K01 5	250.0	10/01/84	49.4	200.6	4742

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.F U-05.F1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU ANAHEIM HA BUENA PARK HSA					U U-05 U-05.F U-05.F1	LOS ANGELES HB LA-SAN GABRIEL RIVER HU ANAHEIM HA BUENA PARK HSA				
035/09W-33K01 S	250.0	11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	56.9 45.2 42.8 40.0 42.0 46.9 60.9(1) 63.5(1) 66.0(1) 67.0(1) 66.5(1)	193.1 204.8 207.2 210.0 208.0 203.1 189.1 186.3 182.0 183.0 183.5	4742	045/10W-01F01 S	198.0	05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	107.0 113.0 122.0 121.0 123.0	91.0 85.0 76.0 77.0 75.0	4210
035/09W-33K03 S	250.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	72.0(1) 82.0(1) 43.6 70.7(1) 38.3 70.9(1) 44.7 77.4(1) 79.0(1) 81.8(1) 82.7(1) 85.5(1)	178.0 168.0 206.4 179.3 211.7 179.1 203.3 172.6 171.0 168.2 167.3 164.5	4742	045/10W-03P01 S	163.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 117.0 113.0 111.0 98.0 97.0 98.0 100.0 111.0 115.0 120.0 123.0	44.0 46.0 50.0 52.0 63.0 66.0 65.0 63.0 52.0 46.0 43.0 38.0	4210
035/09W-33K04 S	250.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	62.7(1) 61.4 48.9 61.5(1) 44.6 46.4 63.0(1) 66.6(1) 70.2(1) 69.0(1) 72.6(1) 61.9	187.3 188.6 201.1 188.5 205.4 203.6 187.0 183.4 179.8 181.0 177.4 188.1	4742	045/10W-03P02 S	153.5	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	116.5 114.3 109.3 111.5 95.5 96.5 98.5 99.5 108.5 110.5 117.5 114.5	39.0 41.0 46.0 44.0 60.0 59.0 57.0 56.0 47.0 45.0 38.0 36.0	4210
035/09W-33K05 S	252.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	34.7 62.2 32.1 49.9 47.4 48.8 63.9(1) 37.7 60.7 78.5(1) 64.8 64.3	197.3 189.8 199.9 202.1 204.6 203.2 188.1 194.3 191.3 173.5 187.2 187.5	4742	045/10W-04002 S	152.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	112.0 116.0 114.0 114.0 99.0 93.0 96.0 104.0 111.0 114.0 119.0 121.0	40.0 36.0 38.0 38.0 57.0 59.0 56.0 48.0 41.0 38.0 31.0	4210
035/09W-33K06 S	252.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.8 64.7 53.3 50.7 48.2 40.2 54.0 58.1 61.0 69.0 64.6 65.8	196.2 187.3 196.7 201.3 203.8 201.8 198.0 193.9 191.0 187.0 187.4 186.2	4742	045/10W-07E01 S	101.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	109.4 97.4 97.4 87.4 84.4 73.4 76.4 40.4 31.4 94.4 101.4 106.4	-8.4 3.6 3.6 13.6 16.6 27.6 24.6 20.6 9.6 6.6 -4 -5.4	4210
035/09W-33K07 S	252.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.8 64.7 53.3 50.7 48.2 40.2 54.0 58.1 61.0 69.0 64.6 65.8	196.2 187.3 196.7 201.3 203.8 201.8 198.0 193.9 191.0 187.0 187.4 186.2	4742	045/10W-07J03 S	94.8	10/09/84 11/14/84 02/14/85 04/15/85 05/09/85 08/21/85	41.7 41.4 39.5 38.5 43.0 40.0	53.1 53.4 55.3 56.3 49.8 53.0	4417
035/09W-33K08 S	252.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.8 64.7 53.3 50.7 48.2 40.2 54.0 58.1 61.0 69.0 64.6 65.8	196.2 187.3 196.7 201.3 203.8 201.8 198.0 193.9 191.0 187.0 187.4 186.2	4742	045/10W-07K04 S	99.2	11/14/84 02/14/85 05/09/85 08/21/85	43.4 36.8 36.3 43.3	54.8 61.4 61.9 54.9	4417
035/09W-33K09 S	252.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.8 64.7 53.3 50.7 48.2 40.2 54.0 58.1 61.0 69.0 64.6 65.8	196.2 187.3 196.7 201.3 203.8 201.8 198.0 193.9 191.0 187.0 187.4 186.2	4742	045/10W-08C02 S	128.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	109.0 125.0 121.0 113.0 100.0 100.0 101.0 NM-7 NM-7 103.0 106.0 108.0	19.0 3.0 7.0 15.0 28.0 28.0 27.0 NM-7 NM-7 25.0 22.0 20.0	4210
035/09W-33K10 S	244.5	11/02/84 02/13/85 05/07/85 08/22/85	62.9 51.7 60.1 67.7	181.6 192.8 184.4 176.4	4417	045/10W-08K01 S	126.1	11/14/84 03/01/85 05/09/85 08/21/85	105.4 81.5 96.3 111.9	20.7 44.6 29.8 14.2	4417
035/09W-33K11 S	251.9	11/02/84 11/13/84 02/04/85	47.3 47.4 NM-6	204.6 204.5	4417 5102	045/10W-08K05 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
035/09W-33K12 S	251.4	11/02/84 12/13/85	42.0 NM-6	209.4	4417	045/10W-08K09 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
035/09W-33K13 S	260.0	11/02/84 02/13/85 05/07/85 08/22/85	30.7 20.2 22.6 26.5	229.3 239.8 237.4 233.4	4417	045/10W-08K10 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
035/10W-32P01 S	121.0	11/13/84 02/04/85 06/18/85 09/10/85	78.3 73.1 80.0 80.4	42.7 45.9 41.0 40.6	5102	045/10W-08K11 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
045/09W-04001 S	245.4	11/02/84 02/13/85	74.7 66.1	170.7 179.3	4417	045/10W-08K12 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210
045/10W-01F01 S	198.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85	122.0 113.0 116.0 115.0 101.0 102.0 104.0	76.0 85.0 82.0 83.0 97.0 96.0 94.0	4210	045/10W-08K13 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	104.0 105.0 103.0 99.0 83.0 80.0 81.0 89.0 98.0 102.0 107.0 111.0	15.0 14.0 16.0 20.0 36.0 39.0 38.0 30.0 21.0 17.0 12.0 8.0	4210

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
U U-05 U-05.F U-05.F1	LOS ANGELES MB LA-SAN GABRIEL RIVER HU ANAHEIM HA BUENA PARK H54					U U-05 U-05.F U-05.F2	LOS ANGELES MB LA-SAN GABRIEL RIVER HU ANAHEIM HA LA HABRA H54				
045/10W-09802 S	148.0	06/01/85 07/01/85 08/01/85 09/01/85	114.0 117.0 123.0 137.0	34.0 31.0 25.0 11.0	4210	035/10W-10N02 S	315.0	11/01/84 02/13/85 05/07/85 08/19/85	15.9 15.5 15.9 16.4	299.1 299.3 299.1 298.6	4417
045/10W-09803 S	147.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	144.0 140.0 138.0 140.0 115.0 114.0 115.0 131.0 137.0 140.0 141.0 144.0	3.0 7.0 9.0 7.0 32.0 33.0 32.0 16.0 10.0 7.0 6.0 3.0	4210	035/10W-18C01 S	211.0	11/01/84 02/13/85 05/07/85 08/19/85	87.2 89.2 92.4 90.9	123.8 121.0 118.6 120.1	4417
						U-05.F3	YORBA LINDA H54				
						035/09W-20M01 S	335.2	11/02/84 02/13/85 05/07/85 08/22/85	154.4 153.1 152.5 154.4	180.8 182.1 182.7 180.8	4417
045/10W-18A01 S	107.0	11/14/84 02/14/85 05/09/85 08/21/85	68.8 61.9 63.7 69.5	38.2 45.1 43.3 37.5	4417	035/09W-21M05 S	356.0	11/02/84 02/13/85 05/07/85 08/22/85	69.0 64.9 65.2 65.6	291.0 291.1 290.8 290.4	4417
045/11W-08P01 S	38.6	11/01/84 11/05/84 11/26/84 12/17/84 01/07/85 01/28/85 02/14/85 02/19/85 03/11/85 04/01/85 04/22/85 05/13/85 06/03/85 06/24/85 07/19/85 08/05/85 08/22/85 08/26/85 09/16/85	33.3 65.6 62.1 58.6 52.8 48.7 24.0 43.2 40.8 40.3 46.1 32.3 59.1 64.4 67.2 67.3 37.0(4) 68.3 68.4	5.3 -27.0 -23.5 -18.0 -14.2 -10.1 14.6 -4.6 -2.2 -1.7 -7.5 -13.7 -20.5 -25.8 -28.6 -28.7 1.6 -29.7 -27.8	4417 1733 1733						
045/11W-12R07 S	91.0	02/14/85 05/09/85 08/21/85	57.3(4) 57.7 62.8(4)	33.7 33.3 28.2	4417						
045/11W-13003 S	81.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	84.0 88.0 84.0 74.0 68.0 63.0 65.0 68.0 64.0 83.0 90.0 NM-9	-3.0 -7.0 -3.0 7.0 13.0 18.0 16.0 13.0 17.0 -2.0 -9.0	4210						
045/11W-14H01 S	70.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85	NM-7 84.7 81.7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7 NM-7	4210 -14.7 -11.7							
045/11W-14004 S	65.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85	46.0 45.0 43.0 41.0 39.0 38.0 39.0 27.0 NM-7	19.0 20.0 22.0 24.0 26.0 27.0 26.0 38.0	4210						
045/11W-15L06 S	58.0	11/01/84 02/14/85 05/07/85 08/19/85	16.7 13.8 14.2 15.2	41.3 44.2 43.8 42.8	4417						
045/11W-27001 S	38.5	10/09/84 11/01/84 02/14/85 04/15/85 05/07/85 08/17/85	54.0 54.5 32.2 35.4 43.7 59.3	-15.5 -16.0 6.3 3.1 -5.2 -20.8	4417						
045/11W-31F03 S	16.0	11/01/84 02/28/85 05/13/85 08/17/85	22.2 13.9 16.0 23.2	-8.2 2.1 1.0 -7.2	4417						
U-05.F2	LA HABRA H54										
035/10W-02N02 S	423.0	11/01/84 02/13/85 05/07/85 08/22/85	129.2(4) 129.3 127.8 130.3(4)	293.8 297.7 295.2 292.7	4417						
035/10W-09M02 S	305.0	11/01/84 02/13/85 05/07/85 08/19/85	30.2 29.7 30.1 30.3	274.8 275.3 274.9 274.7	4417						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
W W-26 W-26.A W-26.A3	LAMONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT WILLOW SPRINGS HYDRO SUBAREA					W W-28 W-28.A	SOUTH LAMONTAN NB MOJAVE HU EL MIRAGE HA				
11N/13W-29M01 S	3391.0	10/01/84	278.1	3112.9	4785	06N/07W-07B01 S	2866.0	11/14/84	35.5	2830.5	5101
		11/01/84	277.6	3113.4				04/15/85	35.4	2830.6	
		12/01/84	277.4	3113.6		06N/07W-10P01 S	2865.0	11/14/84	32.6	2832.4	5101
		01/01/85	277.4	3113.6				04/15/85	33.1	2831.9	
		02/01/85	278.4	3112.6		06N/07W-26R01 S	3005.0	11/14/84	132.1	2872.9	5101
		03/01/85	278.7	3112.3				04/15/85	129.2	2873.8	
		04/01/85	279.3	3111.7		06N/07W-27N01 S		11/14/84	DRY		5101
		05/01/85	279.9	3111.1				04/15/85	DRY		
		06/01/85	280.5	3110.5							
		07/01/85	281.2	3109.8							
		08/01/85	281.7	3109.3							
		09/01/85	282.2	3108.8							
W-26.A8	ROCK CREEK HYDRO SUBAREA					W-28.B	UPPER MOJAVE HA				
06N/07W-19E02 S	2931.0	11/14/84	87.7	2843.3	5101	03N/04W-32C01 S	3187.0	11/14/84	10.6	3176.4	5101
		04/15/85	91.3	2839.7		04N/03W-01M01 S	3037.0	11/14/84	230.1(3)	2806.9	5101
								04/15/85	NM-1		
						04N/03W-06D02 S		11/14/84	NM-3		5101
								04/15/85	71.5	2798.5	
						04N/03W-07C01 S	2860.0	11/14/84	NM-4		5101
								04/15/85	46.9	2813.1	
						05N/03W-13O01 S	2930.0	11/14/84	NM-3		5101
								04/15/85	125.4	2804.6	
						05N/03W-24N01 S	2927.7	11/14/84	116.5	2811.2	5101
								04/15/85	117.0	2810.7	
						05N/03W-35N01 S	2984.0	11/14/84	188.3	2795.7	5101
								04/15/85	201.5	2782.5	
						06N/03W-09E04 S	3085.0	11/09/84	NM-1		5101
								04/17/85	31.4	3053.6	
						06N/05W-19E01 S	2830.0	11/14/84	72.6	2757.4	5101
								04/15/85	838.1	1991.9	
						06N/06W-21A01 S	2860.0	11/14/84	62.2	2797.8	5101
								04/15/85	60.4	2799.6	
						07N/07W-20A01 S	2875.0	11/14/84	158.7(4)	2716.3	5101
								04/15/85	151.0	2724.0	
						W-28.C	MIDDLE MOJAVE HA				
						08N/01W-29F01 S		11/09/84	NM-1		5101
								04/17/85	95.5	2773.7	
						09N/02W-20B01 S	2293.0	11/15/84	131.1	2161.9	5101
								04/10/85	130.1	2162.9	
						W-28.E	LOWER MOJAVE HA				
						09N/01E-03H01 S	1948.0	11/15/84	124.3	1823.7	5101
								04/10/85	108.6	1839.4	
						09N/02E-14N02 S	1886.0	11/15/84	42.7	1843.3	5101
								04/10/85	65.0	1821.0	
						09N/02E-20O01 S	1921.4	11/15/84	97.9	1823.5	5101
								04/10/85	99.4	1822.0	
						09N/03E-15N03 S	1830.0	11/15/84	82.8	1747.2	5101
								04/10/85	82.9	1747.1	
						09N/04E-07M02 S		11/15/84	DRY		5101
								04/10/85	DRY		
						10N/02E-32P01 S	1905.5	11/15/84	68.1	1837.4	5101
								04/10/85	68.7	1836.8	
						10N/03E-21A01 S		04/10/85	DRY		5101
						09N/01W-10D02 S	2045.0	11/15/84	6.3	2036.7	5101
								04/10/85	11.1(4)	2033.9	
						09N/01W-10R01 S	2081.0	11/15/84	49.4	2021.6	5101
								04/10/85	48.7	2032.3	
						W-28.F	NEWBERRY SPRINGS HA				
						W-28.F2	TROY VALLEY MSA				
						08N/03E-04B03 S		11/15/84	DRY		5101
								04/10/85	DRY		
						09N/03E-34D03 S		11/15/84	NM-2		5101
								04/10/85	77.0	1751.8	
						09N/03E-34N01 S	1820.0	11/15/84	57.4	1762.6	5101
								04/10/85	53.7	1766.3	
						W-28.G	AFTON HA				
						W-28.G1	CAVES MSA				
						10N/04E-04E01 S	1740.0	11/16/84	88.0	1652.0	5101
								04/10/85	88.0	1652.0	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-01	COLORADO RIVER NB LUCERNE LAKE HU					Y X-08 X-08.A	COLORADO RIVER HB JOSHUA TREE HU WARDEN HA				
04N/01E-06R01 S	2895.0	11/09/84 04/17/85	188.7 192.3	2705.3 2702.7	5101	01N/06E-26L01 S	2970.0	10/31/84 11/02/84 04/09/85 09/30/85	NM-9 179.6 197.4 185.0	2790.4 2772.6 2775.0	5101
04N/01E-12P01 S	2971.0	11/09/84 04/17/85	160.1 155.7	2810.9 2815.3	5101	015/05E-04P02 S	3520.0	10/31/84 04/09/85	40.3 140.5	3479.7 3379.5	5101
04N/01W-09001 S	2975.0	11/09/84 04/17/85	49.2 48.6	2925.8 2926.4	5101	X-08.B	COPPER MOUNTAIN HA				
04N/02W-13A01 S	2980.0	11/09/84 04/17/85	71.1 70.1	2908.9 2909.9	5101	01N/06E-13R01 S	2650.0	10/31/84 04/09/85	NM-9 435.2	2214.8	5101
05N/01W-01C02 S	2920.7	11/09/84 04/17/85	186.1 153.0	2734.6 2767.7	5101	01N/07E-14N01 S	2359.0	10/31/84 04/09/85	190.4(3) 269.4	2168.6 2089.6	5101
05N/01W-01L01 S	2905.0	11/09/84 04/17/85	142.3 127.2	2762.7 2777.8	5101	01N/07E-21J01 S		10/31/84 04/05/85	DRY DRY		5101
06N/01W-05J01 S	3229.0	11/09/84 04/17/85	124.0 122.3	3105.0 3106.7	5101	01N/07E-23A01 S	2865.0	10/31/84 04/09/85	214.5 218.0	2650.5 2647.0	5101
06N/01W-22P01 S	3059.0	11/09/84 04/17/85	206.7 192.6	2852.3 2866.4	5101	01N/07E-23A02 S	2376.0	10/31/84	212.2	2163.8	5101
06N/01W-36K02 S	2940.0	11/09/84 04/17/85	183.9 189.7	2756.1 2750.3	5101	01N/07E-30P01 S	2670.0	10/31/84 04/09/85	367.0 376.3	2303.0 2293.7	5101

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-09 X-09.A	COLORADO RIVER NB DALE HU TWENTYNINE PALMS NA					X X-19 X-19.A	COLORADO RIVER NB WHITEWATER HII MORONGO HA				
01N/08E-12C01 S	1972.7	11/04/84 04/09/85	203.2 204.9(1)	1769.5 1767.8	5101	01S/04E-14N01 S	2750.0	10/31/84 04/30/85	161.4 158.6	2588.6 2591.4	5101
01N/08E-35A02 S	2520.0	10/02/84 11/02/84 04/12/85	NM-1 289.2 NM-1	2250.8	5101	01S/04E-23C03 S	2700.0	10/31/84 04/30/85	125.4 126.0	2574.6 2574.0	5101
01N/08E-36A01 S	2129.7	11/02/84 04/12/85	145.5 154.1	1984.2 1975.6	5101	X-19.C X-19.C2	SAN GORGONIO HA CABAZON NSA				
01N/09E-04N03 S	1747.0	11/05/84 04/05/85	17.3 16.6	1769.7 1770.4	5101	02S/01E-17F01 S	3730.0	10/05/84 10/25/84 11/02/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	37.0 36.0 43.0 45.0 44.0 63.0 65.0 68.0 59.0 69.0 66.0 67.0 66.0 68.0 46.0 41.0 37.0 33.0 34.0 33.0 32.0 61.0 59.0 70.0 70.0 52.0 50.0	3693.0 3694.0 3687.0 3685.0 3686.0 3687.0 3685.0 3682.0 3671.0 3661.0 3664.0 3663.0 3664.0 3662.0 3664.0 3669.0 3693.0 3697.0 3696.0 3697.0 3696.0 3699.0 3671.0 3660.0 3660.0 3678.0 3680.0	4829
01N/09E-06E01 S	1840.0	11/04/84 04/05/85	67.3 66.7	1772.7 1773.3	5101	02S/01E-17L01 S	3696.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/15/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	10.0 10.0 14.0 14.0 15.0 15.0 5.0 5.0 6.0 5.0 5.0 5.0 5.0 5.0 5.0 14.0 5.0 10.0 10.0 15.0 16.0 20.0 5.0 10.0 5.0 7.0 24.0 21.0	3686.0 3686.0 3682.0 3682.0 3681.0 3681.0 3691.0 3691.0 3690.0 3691.0 3691.0 3691.0 3691.0 3691.0 3691.0 3682.0 3691.0 3686.0 3686.0 3681.0 3680.0 3676.0 3691.0 3686.0 3691.0 3689.0 3672.0 3675.0	4829
01N/09E-09M02 S	1810.0	11/04/84 04/05/85	52.8 42.4	1757.2 1767.6	5101	02S/01E-20M01 S	3395.0	05/03/85 07/14/85 08/07/85	60.0 60.0 60.0	3335.0 3335.0 3335.0	4829
01N/09E-16G02 S	1800.0	11/02/84 04/12/85	14.0 13.4	1786.0 1786.6	5101	02S/01E-29F01 S	3210.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/15/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	94.0 94.0 77.0 77.0 76.0 78.0 71.0 71.0 71.0 49.0 57.0 57.0 57.0 55.0 52.0 52.0 55.0 55.0 62.0 76.0 84.0 87.0 91.0 102.0 102.0 114.0 104.0 102.0 120.0 120.0	3116.0 3112.0 3133.0 3133.0 3134.0 3132.0 3139.0 3139.0 3162.0 3161.0 3153.0 3153.0 3153.0 3155.0 3158.0 3155.0 3148.0 3134.0 3126.0 3123.0 3119.0 3108.0 3108.0 3096.0 3106.0 3108.0 3090.0 3090.0	4829
01N/09E-17E01 S	1870.0	11/04/84 04/05/85	111.9 111.1	1758.1 1758.9	5101	02S/01E-29H01 S	3158.0	10/05/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/15/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	75.0 68.0 41.0 41.0 46.0 42.0 40.0	3083.0 3090.0 3117.0 3117.0 3112.0 3116.0 3118.0	4829
01N/09E-22E01 S	1827.0	11/02/84 04/12/85	56.7 59.6	1770.3 1767.4	5101						
01N/09E-27C04 S	1870.0	11/02/84 04/12/85	118.5 106.7	1751.5 1763.3	5101						
01N/09E-31A01 S	2095.0	11/02/84 04/12/85	128.5(1) NM-1	1966.5	5101						
01N/09E-31C01 S	2102.3	11/02/84 04/12/85	148.0 NM-1	1954.3	5101						
01N/09E-33F03 S	1979.0	11/02/84 04/09/85	8.9 9.1	1970.1 1969.9	5101						
01N/09E-34A01 S	1950.0	11/02/84 04/12/85	155.8 167.7	1796.2 1782.3	5101						
01N/09E-35F01 S	1971.0	11/02/84 04/12/85	114.7 114.7	1856.3 1856.3	5101						
01N/09E-35N01 S	2079.5	11/02/84 04/09/85	111.3 112.5	1968.2 1967.0	5101						
02N/09E-19N01 S	1834.0	11/04/84 04/05/85	78.5 73.6	1755.5 1760.4	5101						
01S/09E-03D01 S	2076.4	11/02/84 04/09/85	NM-9 93.5	1982.9	5101						
X-09.B	DALE VALLEY NA										
01N/10E-24M02 S		11/06/84 04/05/85	DRY DRY		5101						
01N/11E-04M01 S	1360.0	11/05/84 04/05/85	159.0 156.8	1201.0 1203.2	5101						
01N/11E-14A01 S	1285.0	11/05/84 04/05/85	81.1 80.7	1203.9 1204.3	5101						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.C X-19.C2	COLORADO RIVER HB WHITEWATER HU SAN GORGONIO HA CARAZON HSA					X X-19 X-19.C X-19.C2	COLORADO RIVER HB WHITEWATER HU SAN GORGONIO HA CARAZON HSA				
025/01E-29M01 S	3198.0	01/11/85 01/18/85 01/23/85 02/08/85 02/19/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	35.0 33.0 27.0 36.0 26.0 27.0 25.0 25.0 21.0 23.0 26.0 34.0 42.0 38.0 50.0 55.0 74.0 63.0 79.0 78.0 64.0 46.0	3123.0 3125.0 3131.0 3122.0 3132.0 3131.0 3133.0 3133.0 3137.0 3135.0 3132.0 3124.0 3116.0 3120.0 3108.0 3103.0 3084.0 3095.0 3079.0 3080.0 3094.0 3112.0	4829	035/01E-07E01 S	2521.0	12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	296.0 290.0 304.0 307.0 299.0 290.0 298.0 307.0 299.0 305.0 297.0 300.0 298.0 300.0 300.0 298.0 300.0 303.0 310.0 308.0 310.0 300.0 301.0	2229.0 2231.0 2217.0 2214.0 2222.0 2231.0 2223.0 2214.0 2222.0 2216.0 2224.0 2221.0 2223.0 2221.0 2221.0 2223.0 2221.0 2218.0 2211.0 2213.0 2211.0 2221.0 2220.0	4829
025/01E-33J01 S	2750.0	10/03/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/23/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	30.0 33.0 43.0 43.0 38.0 50.0 50.0 49.0 49.0 40.0 36.0 37.0 37.0 36.0 38.0 36.0 20.0 21.0 19.0 19.0 20.0 22.0 23.0 42.0 50.0 47.0 55.0 48.0 46.0	2720.0 2717.0 2707.0 2707.0 2712.0 2700.0 2700.0 2701.0 2701.0 2710.0 2714.0 2713.0 2713.0 2714.0 2712.0 2714.0 2730.0 2729.0 2731.0 2731.0 2730.0 2728.0 2727.0 2708.0 2700.0 2703.0 2699.0 2702.0 2704.0	4829	035/02E-23B01 S	1524.0	11/02/84 01/23/85 05/16/85	239.5 238.5 236.5	1284.5 1285.5 1287.5	9135
						035/03E-07M01 S	1472.0	11/02/84 01/23/85 05/16/85	299.5 268.3 267.0	1212.7 1203.7 1205.0	9135
						035/03E-08M01 S	1350.0	11/02/84 01/23/85 05/16/85	167.6 166.4 165.2	1182.4 1183.6 1184.8	9135
						X-19.0 X-19.01	COACHELLA HA FARNET HILL HSA				
						035/04E-12B02 S	885.0	10/31/84 01/22/85 05/09/85	146.2 146.2 147.0	738.8 738.8 738.0	9135
						035/04E-13M01 S	713.0	10/31/84 01/22/85 05/16/85	231.1 228.6 232.4	481.9 484.4 480.6	9135
						035/04E-17K01 S	901.0	11/02/84 01/23/85 05/22/85	314.2 309.8 307.6	566.8 591.2 593.4	9135
						035/04E-22A01 S	711.0	11/02/84 01/22/85 05/11/85 05/17/85	146.3 145.2 144.5 145.0	864.7 865.8 866.5 866.0	9135
025/01E-33J02 S	2768.0	10/03/84 10/25/84 11/02/84 11/07/84 12/14/84 12/21/84 01/04/85 01/11/85 01/18/85 01/23/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	49.0 52.0 78.0 78.0 61.0 64.0 45.0 42.0 37.0 31.0 26.0 30.0 26.0 26.0 23.0 21.0 38.0 39.0 34.0 34.0 32.0 37.0 42.0 50.0 50.0 63.0 66.0 87.0 84.0	2719.0 2716.0 2690.0 2690.0 2707.0 2704.0 2723.0 2726.0 2731.0 2737.0 2742.0 2738.0 2742.0 2742.0 2745.0 2747.0 2730.0 2729.0 2734.0 2734.0 2736.0 2731.0 2726.0 2718.0 2713.0 2705.0 2702.0 2681.0 2684.0	4829	035/05E-30G01 S	590.0	11/02/84 01/24/85 05/23/85	204.1 206.5 206.5	383.9 383.5 343.5	9135
						X-19.02	MISSION CREEK HSA				
						025/04E-29M01 S		10/31/84 05/09/85	DRY DRY		9135
						025/04E-34A01 S	1180.0	10/31/84 01/22/85 05/09/85	419.0 426.7 426.6	761.0 753.3 753.4	9135
						025/04E-35O01 S	1044.0	10/31/84 01/22/85 05/09/85	303.1 303.0 302.7	740.9 741.0 741.5	9135
						035/04E-12B01 S	885.0	10/31/84 01/22/85 05/09/85	144.4 144.4 145.2	740.6 740.6 739.8	9135
						035/04E-12C01 S	890.0	10/31/84 01/22/85 05/09/85	152.3(4) 191.9 152.7	737.7 738.1 737.3	9135
						035/04E-12M01 S	842.6	10/31/84 01/22/85 05/09/85	107.2 107.4 108.5	735.4 735.2 734.1	9135
025/01E-33J03 S	2770.0	10/03/84 11/02/84 11/07/84 01/25/85 02/08/85 02/15/85 02/28/85 03/08/85 03/14/85 03/31/85 04/07/85 05/03/85 05/17/85 05/28/85 05/31/85 06/07/85 06/21/85 07/07/85 07/14/85 08/07/85 08/14/85 09/07/85 09/20/85	38.0 54.0 34.0 29.0 21.0 26.0 22.0 22.0 23.0 18.0 20.0 22.0 21.0 20.0 20.0 22.0 26.0 34.0 37.0 45.0 50.0 56.0 56.0	2732.0 2716.0 2716.0 2741.0 2749.0 2744.0 2748.0 2748.0 2747.0 2752.0 2750.0 2744.0 2749.0 2750.0 2750.0 2749.0 2744.0 2744.0 2736.0 2733.0 2725.0 2720.0 2714.0 2714.0	4829	035/05E-10L02 S	925.0	11/06/84 01/24/85 05/23/85	181.3 149.0 171.8	743.7 746.0 753.2	9135
						035/05E-17J01 S	787.0	11/02/84 01/24/85 05/23/85	92.5 91.9 92.7	734.5 739.1 734.3	9135
						035/05E-19B01 S		10/31/84 05/16/85 05/23/85	FLOW FLOW -1.5		9135
						X-19.03	MIRACLE HILL HSA				
						025/05E-32E06 S	1167.0	11/26/84 01/24/85 05/16/85	55.7 67.2 61.9	1111.3 1104.8 1105.1	9135
						025/05E-33E05 S	1240.0	11/06/84 01/24/85 05/16/85	170.6 171.2 129.4	1069.4 1068.8 1110.6	9135
035/01E-07E01 S	2921.0	11/02/84 11/07/84	298.0 298.0	2223.0 2223.0	4829	035/05E-03L01 S	1165.0	11/26/84 01/24/85	220.5 220.3	944.5 944.7	9135

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.03	COLORADO RIVER NB WHITEWATER HU COACHELLA HA MIRACLE HILL HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER NB WHITEWATER HU COACHELLA HA INDIO HSA				
035/05E-03L01 S	1165.0	05/22/85	220.3	944.7	5135	035/04E-20001 S	910.0	02/01/85	357.5	552.5	5135
035/05E-03R01 S	1055.0	11/06/84 01/24/85 05/22/85	147.2 150.7 147.2	907.8 904.3 907.8	5135			03/06/85 03/29/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	347.5 339.3 329.5 326.0 321.2 315.1 308.7 302.0 296.3 291.5 285.5 279.7 274.5 269.7	562.5 570.7 580.5 584.0 588.8 594.9 601.3 608.0 613.7 618.5 624.5 630.3 635.5 640.3	
035/05E-04H01 S	1160.0	11/06/84 01/24/85 05/22/85	245.0 244.7 244.8	915.0 915.3 915.2	5135						
035/05E-10R01 S	960.0	11/06/84 01/24/85 05/23/85	NM-2 68.0 61.7	892.0 898.3	5135						
035/05E-11Q01 S	1075.0	11/06/84 01/24/85 05/23/85	NM-2 207.0 207.9	868.0 867.1	5135	035/04E-20F01 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	246.9 228.8 203.5 193.9 186.6 181.1 176.3 173.7 169.7 166.9 167.3	653.1 671.2 696.5 706.1 713.4 718.9 723.7 726.3 730.3 733.1 732.7	5135
035/05E-12P01 S	1165.0	11/06/84 01/24/85 05/23/85	322.0 318.0 305.8	843.0 847.0 859.2	5135						
X-19.04	SKY VALLEY HSA										
035/06E-21F02 S	1070.0	11/06/84 01/25/85 05/23/85	313.9(4) 314.8 311.8(4)	756.1 755.2 758.2	5135	035/04E-20F02 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	326.9 319.4 314.0 309.2 302.1 295.7 292.1 287.7 287.6 276.9 272.3	573.1 580.6 586.0 591.8 597.9 604.3 607.9 612.3 612.4 623.1 627.7	5135
035/06E-25Q01 S	955.0	12/21/84 01/25/85 05/23/85	229.4 229.2 228.8	725.8 725.8 726.2	5135						
035/06E-26P01 S	960.0	11/06/84 01/25/85 05/23/85	248.8 249.0 249.2	711.2 711.0 710.8	5135						
035/06E-28A01 S	1000.0	11/06/84 01/25/85 05/23/85	250.0 150.0 250.8	750.0 850.0 749.2	5135						
035/06E-36P01 S	772.0	11/06/84 01/25/85 05/23/85	80.9 79.9 81.3	691.1 692.1 690.7	5135	035/04E-20F03 S	900.0	04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	336.2 329.0 324.0 318.7 312.8 307.8 303.2 298.8 292.6 288.6 283.9	563.8 571.0 576.0 581.3 587.2 592.2 596.8 601.2 607.4 611.4 616.1	5135
X-19.05	FARGO CANYON HSA										
045/07E-14E01 S	1100.0	11/20/84 02/08/85 06/04/85	372.1 371.9 371.9	727.9 728.1 728.1	5135						
X-19.06	THOUSAND PALMS HSA										
045/06E-08L01 S	365.0	11/01/84 02/07/85 05/30/85	302.5 302.5 302.3	62.5 62.5 62.7	5135	035/04E-29F01 S	863.0	10/02/84 11/01/84 12/05/84 01/03/85 02/01/85 03/06/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	352.5 352.9 345.0 335.0 322.2 308.8 286.0 284.2 279.0 274.5 267.0 260.3 254.3 248.0 246.7 241.4 233.7 228.0	510.5 510.1 518.0 528.0 540.8 554.2 577.0 578.8 584.0 588.5 596.0 602.7 608.7 615.0 616.3 621.6 629.3 635.0	5135
045/06E-17R01 S	215.0	11/01/84 02/06/85 05/30/85	146.3 146.1 147.3	68.7 68.9 67.7	5135						
045/06E-20A01 S	203.0	11/01/84 02/06/85 05/30/85	133.5 129.6 133.7	69.5 73.4 69.3	5135						
045/06E-22C01 S	217.0	11/01/84 02/06/85 05/30/85	168.0 163.2 167.2	49.0 53.8 49.8	5135						
045/06E-22C02 S	217.0	11/01/84 02/06/85 05/30/85	161.4 159.6 164.1	55.8 57.4 52.9	5135	035/04E-29R01 S	780.0	10/02/84 11/01/84 12/05/84 01/03/85 02/01/85 03/06/85 03/15/85 03/22/85 03/29/85 04/05/85 04/12/85 04/19/85 04/26/85 05/03/85 05/11/85 05/17/85 05/24/85 05/31/85 06/07/85 06/14/85 06/21/85	375.3 373.5 373.9 371.7 366.6 363.7 356.4 355.5 353.0 350.1 347.6 344.2 342.2 337.7 334.5 330.9 326.7 323.5 319.2 314.8 310.4	404.7 406.9 406.1 405.3 413.4 416.3 423.6 424.5 427.0 429.9 432.4 435.8 437.6 442.3 445.5 449.1 453.3 456.7 460.8 465.2 469.6	5135
045/06E-22J01 S	230.0	11/01/84 02/07/85 05/30/85	166.9 166.7 167.4	63.1 63.3 62.6	5135						
045/06E-22K01 S	215.0	11/01/84 02/07/85 05/30/85	137.9 139.1 140.9	77.1 75.9 74.1	5135						
045/07E-30H01 S	150.0	11/16/84 02/07/85 06/05/85	144.2 NM-0 153.9	5.8 -3.9	5135						
045/07E-33N01 S	55.0	02/08/85 06/05/85	50.2 56.5	4.8 -1.5	5135						
055/07E-04A01 S	47.0	12/11/84 03/13/85	46.9 49.4	.1 -2.4	5135						
055/07E-04Q01 S	58.0	12/06/84 03/15/85	56.3 54.9	1.7 3.1	5135						
X-19.07	INDIO HSA										
035/03E-10P01 S	1170.0	10/02/84 11/11/84 12/05/84 01/03/85 02/01/85 03/06/85 04/05/85 05/03/85 06/07/85	352.1 350.6 347.8 346.6 344.2 342.3 339.6 335.8 328.0	817.9 819.4 822.2 823.4 825.8 827.7 830.4 834.2 842.0	5135	035/04E-30C01 S	944.0	10/05/84 11/15/84 12/12/84	382.7 384.9 376.9	561.3 559.1 567.1	5135
						035/04E-34R01 S	610.0	10/16/84 11/26/84 12/14/84	382.3 360.7 380.7	247.7 249.3 249.3	5135
						035/04E-36M01 S	545.8	10/13/84 11/16/84 12/14/84 04/08/85	322.5 319.5 319.7 320.4	223.3 226.3 226.1 225.4	5135
035/04E-20001 S	910.0	10/02/84 11/01/84 12/05/84 01/03/85	375.1 374.4 370.7 364.8	534.9 535.6 539.3 545.2	5135	045/04E-01803 S	510.0	11/07/84 01/29/85 05/24/85	291.5 289.1 286.8	218.5 220.9 223.2	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA				
04S/04E-01M02 S	500.0	10/16/84 11/16/84 12/14/84	286.9 289.8 289.8	213.1 210.2 210.2	5135	04S/05E-29K01 S	325.0	05/30/85	382.8	142.2	5135
04S/04E-11K01 S	492.9	10/09/84 11/26/84 12/13/84	282.4 281.4 281.0	210.5 211.5 211.9	5135	04S/05E-30C01 S	365.0	11/09/84 01/30/85 05/10/85	188.4 186.6 187.2	176.4 178.4 177.8	5135
04S/04E-11G01 S	470.0	10/19/84 11/13/84 12/13/84	264.3 261.2 261.0	205.7 206.8 209.0	5135	04S/05E-33B01 S	302.0	10/05/84 11/07/84 12/10/84	172.3 172.1 172.3	129.7 129.9 129.7	5135
04S/04E-11R01 S	458.0	10/13/84 11/26/84 12/13/84	271.7 258.0 256.2	186.3 200.0 201.8	5135	04S/05E-35O02 S		12/02/84	MM-A		5135
04S/04E-13M01 S	418.0	11/07/84 01/29/85 05/24/85	224.5 223.4 226.8	193.5 192.6 191.2	5135	04S/05E-35E01 S	267.0	01/24/85	171.0	96.0	5135
04S/04E-13P01 S	141.0	11/07/84	207.2	-66.2	5135	04S/05E-33G03 S	262.0	11/09/84 01/24/85 05/31/85	176.8 174.1 174.9(4)	85.2 87.9 87.1	5135
04S/04E-14R01 S	410.0	10/09/84 11/16/84 12/13/84	220.8 221.2 219.8	189.2 188.8 190.2	5135	04S/05E-33G04 S	262.0	01/30/85 05/31/85	174.4(4) 177.2(4)	87.6 84.8	5135
04S/04E-15J01 S	453.0	11/02/84 02/01/85 06/07/85	242.6 240.8 243.0	210.4 212.2 210.0	5135	04S/05E-35Q01 S	257.0	11/27/84	169.9	87.1	5135
04S/04E-23E01 S	438.0	10/16/84 11/13/84 12/12/84	234.6 239.0 233.9	203.4 199.0 204.1	5135	04S/05E-36O01 S	320.0	11/27/84 01/30/85 05/31/85	230.3 233.2 234.3	89.7 86.8 85.7	5135
04S/04E-26A01 S	428.0	10/24/84 11/26/84 12/13/84	243.6 243.3 241.9	184.4 184.7 186.1	5135	04S/05E-36M01 S	257.0	11/09/84 01/24/85 05/31/85	171.0 170.7 172.2	86.0 86.3 84.8	5135
04S/04E-33K01 S	528.0	10/03/84 11/08/84 12/13/84	293.1 287.5 301.3	234.9 240.5 226.7	5135	04S/06E-18Q02 S	242.0	11/01/84 02/06/85 05/30/85	142.8 140.9 143.3	89.2 91.1 88.7	5135
04S/05E-03P01 S	380.0	11/09/84 01/25/85 06/07/85	215.5 213.3 213.1	164.5 166.7 164.9	5135	04S/06E-18R01 S	240.0	11/01/84 02/06/85 05/30/85	163.9 158.6 160.5	76.1 81.4 79.5	5135
04S/05E-04F01 S	430.0	11/07/84 01/29/85 06/07/85	250.2(4) 248.2(4) 249.3(4)	179.8 181.8 180.3	5135	04S/06E-19J02 S	218.0	11/01/84 02/06/85 05/30/85	131.7 130.0 131.4	86.3 88.0 86.6	5135
04S/05E-05K01 S	446.0	11/07/84 01/24/85 05/30/85	256.6 254.4 251.9(4)	189.4 191.6 194.1	5135	04S/06E-20M01 S	205.0	11/02/84 02/06/85 05/31/85	138.0 137.4 140.9	67.0 67.8 64.1	5135
04S/05E-09R01 S	405.0	11/07/84 01/29/85 05/30/85	235.3(4) 226.3(4) 227.1(4)	169.7 178.7 177.9	5135	04S/06E-27M01 S	165.0	11/02/84 02/06/85 06/04/85	120.2 119.4 121.2	44.8 45.6 43.8	5135
04S/05E-09F01 S	397.0	11/07/84 01/29/85	230.4 228.8	166.6 168.2	5135	04S/06E-28A02 S	175.0	11/02/84 02/06/85 06/04/85	126.4 118.5 120.3	48.6 56.5 54.7	5135
04S/05E-11E01 S	327.0	11/09/84 01/23/85 06/07/85	184.4 180.1 183.0	142.6 146.9 144.0	5135	04S/06E-28E03 S	177.0	11/02/84 01/31/85 05/31/85	129.3(2) 130.0(2) 122.8(2)	47.7 47.0 54.2	5135
04S/05E-13R01 S	345.0	11/08/84	217.4	127.6	5135	04S/06E-28M01 S	167.0	11/16/84 02/06/85 06/04/85	106.3 108.3 105.3	60.7 58.7 61.7	5135
04S/05E-15R02 S	346.0	11/08/84 01/24/85 05/30/85	213.4 211.7 211.6	132.6 134.3 134.4	5135	04S/06E-28J02 S	166.0	11/16/84 01/30/85 06/04/85	113.4 113.1 114.5	52.6 52.9 51.5	5135
04S/05E-19O01 S	393.0	10/16/84 11/13/84 12/12/84	206.5 207.9 206.9	186.3 185.1 186.1	5135	04S/06E-28K04 S	175.0	11/20/84 02/05/85 06/04/85	120.8 123.5 123.0	54.2 51.5 52.0	5135
04S/05E-21A01 S	357.0	11/08/84 01/24/85 05/30/85	213.8 215.5 215.3	143.2 141.5 141.7	5135	04S/06E-29A01 S	179.0	11/02/84 02/05/85 06/04/85	116.7 113.7 117.1	62.3 65.3 61.9	5135
04S/05E-21J02 S	348.0	11/08/84 01/24/85 05/30/85	206.2 205.9 207.7	141.8 142.1 140.3	5135	04S/06E-34D01 S	160.0	11/20/84 02/05/85 06/04/85	117.0 114.9 120.2	42.1 44.1 39.8	5135
04S/05E-22A01 S	347.0	11/08/84 01/24/85 05/29/85	214.7 215.9 216.7	132.3 131.1 130.3	5135	04S/06E-34D02 S	161.5	11/16/84	119.7	41.4	5135
04S/05E-26B01 S	340.0	11/08/84 01/03/85 05/31/85	238.1(4) 235.4 238.2(4)	101.9 104.6 101.8	5135	04S/06E-34F01 S	161.0	11/20/84 02/06/85 06/04/85	90.5 91.1 96.3	70.5 69.9 64.7	5135
04S/05E-27E02 S	313.0	11/08/84 01/24/85 05/31/85	186.6 186.2 181.3(4)	128.4 128.8 133.7	5135	04S/06E-34K01 S	158.0	11/20/84 02/06/85 06/04/85	124.6 121.8 128.7	33.4 36.2 29.3	5135
04S/05E-28F02 S	310.0	11/08/84 01/24/85 05/31/85	184.7(4) 181.9 182.7	125.3 128.1 127.3	5135	04S/06E-34K02 S	161.1	11/20/84	129.5	31.6	5135
04S/05E-29A01 S	332.0	10/05/84 11/07/84 12/12/84	182.2 181.9 180.0	149.8 150.1 152.0	5135	04S/06E-34L01 S	160.0	11/20/84	125.5	34.5	5135
04S/05E-29F01 S	329.0	11/09/84 01/30/85 05/30/85	178.1 175.7 176.2	150.9 153.3 152.8	5135	04S/06E-34Q01 S	168.0	11/20/84 02/08/85 06/05/85	92.7 93.6 94.6	75.3 74.4 71.4	5135
04S/05E-29K01 S	325.0	11/09/84 01/30/85	187.9 188.6	137.1 136.4	5135	04S/07E-31Q03 S	69.4	02/07/85 06/05/85	91.6 102.6	-22.2 -33.2	5135
						04S/07E-32M01 S	73.3	02/07/85 06/05/85	71.0 82.5	2.3 -9.2	5135
						05S/04E-02G01 S	581.0	12/11/84 02/07/85	263.4 258.2	317.6 322.8	5135

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER HB WHITEWATER HU COACHELLA HA INDIO HSA				
055/04E-02601 S	981.0	06/07/85	259.7	321.3	5135	055/06E-16A02 S	190.0	11/27/84 03/08/85 06/10/85 06/13/85	149.3(4) 149.0(4) 154.5 155.2(4)	40.7 41.0 35.5 34.8	5135
055/05E-01C01 S	244.0	11/21/84 02/13/85 06/04/85	169.5 171.5 169.8	74.5 72.5 74.2	5135	055/06E-16H01 S	160.0	11/29/84 03/08/85 06/13/85	131.3 127.3 130.9	29.7 32.7 29.1	5135
055/05E-01N02 S	250.8	11/21/84 02/13/85	169.0 169.5	81.8 81.3	5135	055/06E-16M01 S	179.0	11/29/84 03/08/85	142.3 141.7	36.7 37.3	5135
055/05E-01L05 S	242.0	11/21/84 02/15/85 06/04/85	176.8(4) 172.8 173.2(4)	65.2 69.2 68.8	5135	055/06E-17602 S	195.0	11/29/84 03/08/85 06/13/85	154.0 146.3 152.3	41.0 48.7 42.7	5135
055/05E-01P01 S	240.0	11/21/84 02/13/85 06/04/85	173.5 171.5 174.4	66.5 68.5 65.6	5135	055/06E-18L02 S	198.0	11/29/84 03/05/85 06/13/85	163.2 160.9 175.6	34.8 37.1 22.4	5135
055/05E-02F02 S	252.0	11/21/84 02/13/85 06/04/85	169.5 167.0 169.4	82.5 85.0 82.6	5135	055/06E-18R01 S	193.0	11/30/84 03/08/85 06/13/85	157.6(4) 156.0 159.8(4)	35.4 37.0 33.2	5135
055/05E-02L01 S	252.0	11/21/84 02/13/85 06/04/85	170.9 172.4 173.7	81.1 79.6 78.3	5135	055/06E-18R02 S	193.0	11/30/84 03/05/85 06/13/85	165.9(4) 156.9(4) 161.2(4)	27.1 36.1 31.8	5135
055/05E-03A01 S	260.0	11/21/84 02/13/85 06/04/85	170.3 167.8 169.5	89.7 92.2 90.5	5135	055/06E-20P01 S	267.0	11/29/84 03/28/85 06/21/85	229.0 234.2 231.3	38.0 32.8 35.7	5135
055/05E-11A01 S	234.0	11/21/84 02/13/85	178.5 178.8	55.5 55.2	5135	055/06E-21L01 S	240.0	12/19/84 03/08/85	233.5 233.1	6.5 6.9	5135
055/05E-12C01 S	261.0	11/27/84 02/15/85 06/04/85	160.0 158.0 160.2	101.0 103.0 100.8	5135	055/06E-21M02 S	249.0	11/30/84 03/07/85 06/20/85	219.5(4) 211.0(4) 209.0	28.5 37.0 39.0	5135
055/05E-12001 S	239.0	11/21/84 02/14/85	168.9 168.4	70.1 70.6	5135	055/06E-21P01 S	260.0	11/29/84 02/28/85 06/18/85	226.6 227.8 233.3	33.4 32.2 26.7	5135
055/05E-12H02 S	220.0	11/28/84 02/14/85 06/07/85	166.5 167.6 169.6	53.5 52.4 50.4	5135	055/06E-21Q03 S	240.0	11/30/84 02/28/85 06/20/85	203.8(4) 206.0 198.0	36.2 34.0 42.0	5135
055/05E-12J01 S	220.0	11/28/84 02/14/85 06/04/85	169.0 170.0 171.6	51.0 50.0 48.4	5135	055/06E-22801 S	160.0	11/29/84 03/07/85 06/14/85	134.5 131.8 135.6	25.5 28.2 24.4	5135
055/05E-12L02 S	240.0	11/28/84 02/14/85 06/13/85	175.0 172.0 175.7(4)	65.0 68.0 64.3	5135	055/06E-22802 S	160.0	11/30/84 03/07/85 06/12/85 06/14/85	148.0 143.9 128.4 131.4	12.0 16.1 31.6 28.6	5135
055/05E-12001 S	235.0	11/28/84 02/14/85 06/13/85	170.4 169.4 175.4	64.6 65.8 59.6	5135	055/06E-23L03 S	144.0	10/25/84 03/07/85 06/14/85	119.4 116.8 121.5(4)	24.6 27.2 22.5	5135
055/06E-02A02 S	140.0	11/28/84 02/15/85	122.8 123.4	17.2 16.6	5135	055/06E-24G01 S	108.0	10/25/84 03/07/85 06/14/85	123.4(4) 115.5 120.0	-13.4 -7.5 -12.0	5135
055/06E-03001 S	245.0	11/29/84 02/14/85 06/13/85	199.5 202.2 203.1(4)	45.5 42.8 41.9	5135	055/06E-24M01 S	122.0	10/25/84 03/07/85 06/14/85	127.4(4) 117.0 130.7(4)	-5.4 5.0 -8.7	5135
055/06E-06001 S	220.3	11/28/84 02/14/85 06/07/85	166.7(4) 164.4 169.2(4)	53.6 55.9 51.1	5135	055/06E-25A01 S	85.0	10/25/84 03/07/85 06/18/85	87.0 85.0 96.8	-2.0 .0 -11.6	5135
055/06E-07C02 S	218.9	11/27/84	162.1	56.8	5135	055/06E-27C01 S	204.0	11/28/84 03/07/85	165.0 156.1	39.0 47.9	5135
055/06E-07J01 S	210.0	11/28/84 02/14/85 06/04/85	157.3 157.6 161.1	52.7 52.4 48.9	5135	055/06E-27C02 S	211.0	11/28/84 03/07/85 06/14/85 06/18/85	178.0 169.8 175.7 182.0(4)	33.0 41.2 35.3 29.0	5135
055/06E-07002 S	206.0	11/21/84 02/14/85 06/04/85	157.6 154.7 157.5	48.4 51.3 48.5	5135	055/06E-28C01 S	262.0	11/28/84 02/27/85 06/14/85	221.5 217.9 222.5	40.2 44.1 39.5	5135
055/06E-07003 S	210.0	11/21/84 02/14/85 06/04/85	159.5 157.0 163.9	50.5 53.0 46.1	5135	055/06E-28C02 S	262.0	11/28/84 02/27/85 06/14/85	221.8 220.1 224.1	40.2 41.9 37.9	5135
055/06E-08H03 S	205.0	11/29/84 02/14/85 06/13/85	157.7 155.2 160.4	47.3 49.8 44.6	5135	055/06E-29801 S	310.0	11/28/84 03/07/85 06/21/85	275.4 265.5 279.9	34.6 44.5 30.1	5135
055/06E-08H02 S	210.0	11/29/84 02/14/85 06/13/85	153.9(4) 153.6(4) 157.2(4)	56.1 56.4 52.8	5135	055/06E-29C01 S	337.0	11/28/84 02/28/85	293.0 297.0	44.0 40.0	5135
055/06E-12G01 S	122.0	11/27/84 03/08/85 06/19/85	114.1 112.8 116.0	7.9 9.2 6.0	5135	055/06E-29C02 S	340.0	11/28/84 02/28/85	300.0 299.2	40.0 40.8	5135
055/06E-13001 S	178.0	11/27/84 03/08/85 06/10/85	168.2 169.3 171.5	9.8 12.7 6.5	5135	055/06E-29M01 S	405.0	11/29/84 02/27/85 06/18/85	367.8 360.0 368.0	37.2 45.0 37.0	5135
055/06E-14001 S	165.0	10/25/84 11/27/84 03/07/85 06/14/85	149.7 149.5 145.7 150.6	15.3 15.5 19.3 14.4	5135	055/06E-29P01 S	454.7	11/28/84 02/27/85	403.8 409.8	50.9 44.9	5135
055/06E-16A01 S	151.0	11/27/84 03/08/85 06/13/85	155.4 150.1 154.1(4)	25.4 30.9 26.9	5135	055/06E-32G01 S	455.0	11/29/84 02/27/85	363.1 365.5	91.9 89.5	5135
						055/07E-04M01 S	50.0	12/06/84	42.3	-12.3	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER M8 WHITEWATER HU COACHELLA M4 INDIO M5A					X X-19 X-19.0 X-19.07	COLORADO RIVER M8 WHITEWATER HU COACHELLA M4 INDIO M5A				
055/07E-04M01 S	50.0	03/15/85	59.3	-9.3	5135	055/08E-20C02 S	20.0	03/27/85 05/22/85	77.4 80.8	-57.4 -60.8	5135
055/07E-04001 S	40.0	03/22/85	61.2	-21.2	5135	055/08E-20M01 S	.0	03/27/85 05/22/85	68.1 68.6	-68.1 -68.6	5135
055/07E-05K01 S	60.0	12/06/84 03/21/85	65.3 88.6	-5.3 -8.6	5135	055/08E-28M01 S	25.0	03/27/85 05/22/85	58.6 61.3	-33.6 -36.3	5135
055/07E-06801 S	92.9	12/06/84 03/21/85	83.7 79.5	9.2 13.4	5135	055/08E-28M02 S	40.0	03/27/85 05/22/85	21.2 27.0	18.8 13.0	5135
055/07E-06M01 S	83.0	12/11/84 03/21/85	82.6 82.9	.4 .1	5135	055/08E-29G01 S	28.0	03/27/85 05/22/85	28.9 29.7	-.9 -1.7	5135
055/07E-06M01 S	102.0	12/05/84 03/19/85	102.5 97.3	-.5 4.7	5135	055/08E-29R01 S	50.0	03/27/85 05/22/85	27.4 30.8	22.6 19.2	5135
055/07E-07F01 S	103.0	10/14/84 12/05/84 03/19/85	105.0(4) 96.3(4) 97.7(4)	-2.0 6.7 5.3	5135	055/08E-31J01 S	-52.0	03/22/85	9.3	-61.3	5135
055/07E-07P01 S	97.0	12/05/84 03/19/85	107.8 107.9	-10.8 -10.9	5135	055/08E-34G01 S	25.0	03/28/85	154.0	-129.0	5135
055/07E-08G01 S	90.0	10/25/84 12/05/84 03/21/85	90.8 90.6 91.0	-.8 -.6 -1.0	5135	065/06E-01G01 S	50.0	12/06/84 04/18/85	87.0 84.8	-37.0 -34.8	5135
055/07E-08001 S	50.0	12/05/84 03/19/85	68.2 69.0	-18.2 -19.0	5135	065/06E-01001 S	55.0	10/01/84 03/28/85	96.2 95.6	-41.2 -40.6	5135
055/07E-09F01 S	44.0	12/11/84 03/20/85	47.4 52.9	-3.4 -8.9	5135	065/06E-12G01 S	90.0	10/01/84 03/28/85	134.9 132.2	-44.9 -42.2	5135
055/07E-10E01 S	28.0	12/06/84 03/21/85	47.4 44.8	-19.4 -16.8	5135	065/07E-01M01 S	-45.5	04/10/85	33.4	-78.9	5135
055/07E-11C01 S	29.0	03/21/85	47.0	-18.0	5135	065/07E-01P01 S	-50.0	04/10/85	8.0	-58.0	5135
055/07E-12P01 S	3.0	03/27/85	36.8	-33.8	5135	065/07E-02G01 S	-11.2	03/28/85	27.6	-38.8	5135
055/07E-13001 S	11.0	03/21/85 05/22/85	20.6 21.8	-9.6 -10.8	5135	065/07E-04002 S	32.0	03/28/85	73.9	-41.9	5135
055/07E-14J02 S	-12.0	03/27/85 05/22/85	14.6 17.3	-26.6 -29.3	5135	065/07E-05801 S	45.0	03/28/85	92.6	-37.6	5135
055/07E-14K01 S	5.0	03/27/85 05/22/85	26.0 29.0	-21.0 -24.0	5135	065/07E-07801 S	50.0	10/02/84 03/28/85	85.0 85.4	-35.0 -35.4	5135
055/07E-15001 S	5.5	03/27/85 05/22/85	31.5 33.6	-26.0 -28.1	5135	065/07E-08D02 S	31.0	03/28/85	61.6	-30.6	5135
055/07E-16C01 S	30.0	12/04/84 03/19/85	52.4 55.3	-22.4 -25.3	5135	065/07E-09L02 S	9.5	04/10/85	42.1	-32.6	5135
055/07E-16K02 S	33.0	12/04/84 03/19/85	47.0 48.2	-14.0 -15.2	5135	065/07E-10G01 S	-15.0	04/10/85	20.6	-35.6	5135
055/07E-18001 S	125.0	12/05/84 03/19/85	135.8 132.0	-10.8 -7.0	5135	065/07E-12E01 S	-45.0	04/10/85	9.4	-54.4	5135
055/07E-18M02 S	120.0	12/05/84 03/19/85	139.6 131.9	-19.6 -11.9	5135	065/07E-13M02 S	-56.0	04/10/85	8.3	-64.3	5135
055/07E-21F02 S	40.0	12/04/84 03/19/85	55.2 59.5	-15.2 -19.5	5135	065/07E-13M04 S	62.0	04/10/85	25.4	36.6	5135
055/07E-22M02 S	5.0	03/27/85	57.0	-52.0	5135	065/07E-17R01 S	-5.0	04/03/85	53.7	-58.7	5135
055/07E-27801 S	16.5	03/27/85	47.5	-31.0	5135	065/07E-22801 S	-42.0	01/08/85 04/03/85	21.3 21.8	-63.3 -63.8	5135
055/07E-27L01 S	20.0	03/27/85	67.5	-47.5	5135	065/07E-23003 S	-52.0	04/03/85	24.0	-76.0	5135
055/07E-28E01 S	43.0	12/04/84 03/20/85	69.8 71.3	-26.8 -28.3	5135	065/07E-23F01 S	-55.0	04/03/85	22.4	-77.4	5135
055/07E-30C02 S	75.0	12/04/84 03/20/85	94.4 94.3	-19.4 -19.3	5135	065/08E-02001 S	9.0	10/02/84 04/10/85	112.2 111.4(4)	-103.2 -102.4	5135
055/07E-30F01 S	76.0	12/04/84 03/20/85	89.2 88.5	-13.2 -12.5	5135	065/08E-02F01 S	11.0	12/02/84 04/10/85	124.8(4) 124.5(4)	-113.8 -113.5	5135
055/07E-30F02 S	76.0	12/04/84 03/20/85	89.0 89.3	-13.0 -13.3	5135	065/08E-03C01 S		10/02/84 12/12/84 01/09/85 04/03/85	NM-2 8.8 8.7 9.3	-78.3 -78.2 -78.8	5135
055/07E-30J01 S	65.0	12/04/84 03/20/85	97.9 96.3	-32.9 -31.3	5135	065/08E-03P01 S	-75.0	12/13/84 01/10/85	7.7 7.8	-82.7 -82.8	5135
055/07E-33002 S	45.0	10/25/84 03/22/85	77.9 77.6	-34.9 -34.6	5135	065/08E-03R01 S	-80.5	10/03/84 12/12/84 01/08/85 04/10/85	12.5 7.0 4.4 10.7	-93.0 -87.5 -84.9 -91.2	5135
055/07E-33F02 S	40.5	10/25/84 03/22/85	75.6 74.2	-35.1 -33.7	5135	065/08E-03R02 S	-82.2	12/13/84 01/08/85 04/10/85	5.4 3.9 8.6	-87.6 -86.1 -90.8	5135
055/07E-33M01 S	40.0	10/25/84 03/22/85	77.9 78.1	-37.9 -38.1	5135	065/08E-06G03 S	-62.5	10/03/84 04/03/85	16.5 9.1	-79.0 -71.6	5135
055/07E-36001 S	-21.0	10/26/84 03/22/85	25.5 24.9	-46.5 -45.9	5135	065/08E-09K02 S	-98.0	01/03/85 04/03/85	FLOW 7.0	-105.0	5135
055/07E-36G01 S	-32.0	03/22/85	14.2	-46.2	5135	065/08E-09004 S	-102.0	10/03/84	4.6	-106.6	5135
055/07E-36001 S	-34.0	04/24/85	17.7	-51.7	5135	065/08E-10F01 S	-90.0	10/02/84 01/09/85 04/03/85	6.5 FLOW 4.0	-105.5 -103.0	5135
055/08E-17M01 S	50.0	03/27/85	74.2	-44.2	5135	065/08E-17R01 S		10/03/84 10/04/84 04/03/85	NM-2 FLOW FLOW		5135
055/08E-19M02 S	.0	03/27/85 05/22/85	74.2 72.5	-74.2 -72.5	5135	065/08E-19001 S		10/03/84 04/03/85	NM-7 FLOW		5135
						065/08E-19002 S	-87.0	10/03/84 04/03/85	17.1 9.9	-99.1 -96.9	5135

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
X X-19 X-19.0 X-19.07	COLORADO RIVER NB WHITEWATER HU COACHELLA HA INDIO HSA					X X-19 X-19.0 X-19.07	COLORADO RIVER NB WHITEWATER HU COACHELLA HA INDIO HSA				
06S/08E-19001 S		01/28/85	FLOW		5135	07S/09E-08001 S	-180.0	10/18/84 04/04/85	22.2(4) 10.0(4)	-202.2 -190.0	5135
06S/08E-22002 S	-120.0	10/03/84 04/03/85	2.3 FLOW	-122.3	5135	07S/09E-13001 S	-101.0	10/18/84 04/23/85	45.0 47.1	-146.0 -148.1	5135
06S/08E-22001 S		04/10/85	FLOW		5135	07S/09E-16002 S	-106.0	10/18/84 04/25/85	22.2 10.2	-208.2 -196.2	5135
06S/08E-23001 S	-140.0	10/04/84	23.9	-163.9	5135	07S/09E-17001 S		04/04/85	FLOW		5135
06S/08E-27001 S		04/16/85	FLOW		5135	07S/09E-22002 S	-173.0	10/18/84 04/23/85	35.2 25.8	-208.2 -198.8	5135
06S/08E-27001 S		04/16/85	FLOW		5135	07S/09E-23001 S	-187.7	10/18/84 04/04/85	22.7 11.8	-210.4 -199.3	5135
06S/08E-32001 S		04/16/85	FLOW		5135	07S/09E-26002 S		04/23/85	FLOW		5135
06S/08E-34001 S		04/16/85	FLOW		5135	07S/09E-30001 S		04/23/85	FLOW		5135
06S/08E-35001 S		04/10/85	FLOW		5135	07S/10E-27401 S	34.0	10/18/84	51.5	-17.5	5135
06S/08E-36001 S		04/10/85	FLOW		5135	08S/08E-03801 S	-95.1	10/19/84 04/02/85	57.3 56.3	-152.4 -151.4	5135
06S/09E-19001 S	-36.0	10/03/84 04/10/85	132.8 136.2	-170.8 -174.2	5135	08S/08E-03001 S	-59.5	10/12/84 04/02/85	92.8 93.1	-152.3 -152.6	5135
06S/09E-30401 S	-51.0	10/03/84 04/10/85	80.2 87.0	-111.2 -116.0	5135	08S/08E-11404 S	-157.0	04/24/85	14.3	-171.3	5135
06S/09E-32401 S	20.0	10/03/84 04/04/85	193.0 191.5	-173.0 -171.5	5135	08S/08E-11001 S	-166.0	10/19/84 04/24/85	4.0 5.0	-170.0 -171.0	5135
06S/09E-32001 S	-100.0	10/03/84 04/04/85	77.7 74.5(4)	-177.7 -174.5	5135	08S/08E-24402 S		10/19/84 11/26/84 04/02/85	NM-4 28.0 29.5		5135
06S/09E-33001 S	25.0	10/03/84 04/04/85	198.6 198.3(4)	-173.6 -173.3	5135	08S/08E-24001 S	-148.1	10/19/84	40.0	-188.1	5135
07S/07E-01001 S		01/08/85	FLOW		5135	08S/08E-24001 S	-110.8	10/19/84 04/02/85	73.1 72.0	-183.9 -182.8	5135
07S/07E-02001 S		12/13/84 04/10/85	NM-4 NM-4		5135	08S/09E-30401 S	-132.3	10/28/84 04/02/85	37.9 39.1	-190.2 -191.4	5135
07S/07E-03401 S	-72.0	10/03/84 01/08/85 04/10/85	23.9 19.4 25.0	-95.9 -91.4 -97.0	5135	08S/09E-31001 S	-6.0	10/03/84	220.5	-226.5	5135
07S/08E-03401 S		04/18/85	FLOW		5135	08S/09E-31001 S	-17.8	10/03/84 04/02/85	173.6 172.7	-191.4 -190.5	5135
07S/08E-08001 S	-92.0	10/11/84 04/18/85	39.3 38.3	-131.3 -130.3	5135	08S/09E-31002 S	-18.5	10/03/84 04/02/85	180.8 176.0	-199.3 -194.5	5135
07S/08E-09001 S		04/18/85	FLOW		5135	08S/09E-33001 S	-133.6	10/03/84 04/02/85	58.1 NM-6	-191.7	5135
07S/08E-17401 S	-115.0	10/11/84 12/21/84 04/18/85	NM-2 12.7 12.6	-127.7 -127.6	5135						
07S/08E-17001 S	-79.0	10/11/84 04/18/85	90.9 49.8	-129.9 -128.8	5135						
07S/08E-17001 S	-78.0	10/11/84 04/18/85	50.8 49.7	-128.8 -127.7	5135						
07S/08E-18001 S	-73.0	10/11/84 04/18/85	52.4 52.4	-125.4 -125.4	5135						
07S/08E-20001 S	-20.0	10/11/84 04/18/85	111.8 109.9	-131.8 -129.9	5135						
07S/08E-20001 S	-22.0	10/11/84 04/18/85	108.2 108.2	-130.2 -130.2	5135						
07S/08E-22001 S	-124.0	10/11/84 04/18/85	20.6 22.2	-144.6 -146.2	5135						
07S/08E-23002 S		12/20/84	FLOW		5135						
07S/08E-28001 S	-16.5	10/12/84 04/18/85	123.6 120.0	-140.1 -136.5	5135						
07S/08E-29001 S	93.0	10/12/84 04/18/85	215.1(4) 219.4	-122.1 -126.4	5135						
07S/08E-33801 S	21.8	10/12/84 04/24/85	171.8 167.8	-150.0 -146.0	5135						
07S/08E-33E01 S	75.0	10/12/84 04/24/85	218.9 215.9	-143.9 -140.9	5135						
07S/08E-34001 S	-92.3	10/19/84 04/24/85	51.5 56.4	-143.8 -148.7	5135						
07S/08E-34001 S	-84.7	10/19/84 04/24/85	66.6 65.4	-151.3 -150.1	5135						
07S/08E-35001 S		04/24/85	FLOW		5135						
07S/09E-03001 S	31.0	10/03/84 04/04/85	209.1 208.9	-179.1 -177.9	5135						
07S/09E-04001 S	-42.0	10/03/84 04/04/85	141.0(4) 131.0(4)	-183.0 -173.0	5135						
07S/09E-04001 S	-45.0	10/18/84 04/18/85	113.5 113.5	-178.5 -178.5	5135						
07S/09E-05001 S	-152.5	10/03/84 04/23/85	32.8(4) 29.6	-185.3 -182.1	5135						
07S/09E-07002 S		04/25/85	FLOW		5135						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.A Y-01.41	SANTA ANA HB SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					Y Y-01 Y-01.A Y-01.41	SANTA ANA HB SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA				
035/09W-04G01 S	256.0	10/01/84 11/01/84 12/02/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	68.3(1) 77.8(1) 88.8 69.8(1) 22.1 23.3 67.6(1) 70.5(1) 71.1(1) 71.8(1) 72.0(1) 73.9(1)	187.7 178.2 187.2 186.2 233.9 232.7 188.4 185.5 184.9 184.2 184.0 182.1	4742	045/10W-17H01 S	123.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	136.0 139.0 129.0 129.0 116.0 111.0 112.0 110.0 130.0 135.0 141.0 143.0	-13.0 -16.0 -6.0 -5.0 7.0 12.0 11.0 13.0 -7.0 -12.0 -18.0 -20.0	4210
045/09W-07P01 S	203.0	11/01/84 01/08/85 05/16/85 06/25/85	126.0 127.0 96.0 139.0	77.0 76.0 107.0 64.0	3916	045/10W-17J02 S	119.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	124.0 132.0 134.0 128.0 117.0 112.0 114.0 127.0 134.0 136.0 131.0 128.0	-6.0 -14.0 -16.0 -10.0 1.0 6.0 4.0 -9.0 -16.0 -18.0 -13.0 -10.0	4210
045/09W-17001 S	231.0	10/02/84 02/04/85 02/13/85 02/19/85 05/09/85 06/18/85 08/22/85 09/10/85	160.4 NM-7 159.1 180.5 156.4 159.5 163.3 165.2	70.6 71.9 50.5 50.5 74.6 71.5 67.7 65.8	5102	045/10W-17L02 S	113.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	106.0 108.7 114.0 89.0 80.0 79.0 82.0 98.0 92.0 95.0 137.0 140.0	7.0 5.0 -1.0 24.0 33.0 34.0 11.0 25.0 21.0 18.0 -24.0 -27.0	4210
045/09W-27001 S	300.0	11/01/84 01/09/85 03/08/85 05/16/85	256.0 256.0 254.0 256.0	44.0 44.0 46.0 44.0	3916	045/10W-18K01 S	100.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	117.0 118.0 106.0 104.0 94.0 90.0 91.0 100.0 108.0 109.0 121.0 123.0	-17.0 -18.0 -6.0 -4.0 6.0 10.0 9.0 -4.0 -8.0 -9.0 -21.0 -23.0	4210
045/09W-28R01 S	262.1	10/30/84 02/13/85 03/09/85 08/22/85	231.2(2) 217.8 224.1 240.9(2)	30.9 44.3 38.0 21.2	4417	045/10W-19R03 S	92.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	90.0 89.0 89.0 78.0 75.0 76.0 77.0 75.0 89.0 89.0 95.0 99.0	2.0 3.0 3.0 14.0 17.0 16.0 15.0 17.0 4.0 -3.0 -7.0	4210
045/09W-33M01 S	226.0	10/09/84 10/31/84 02/13/85 04/15/85 05/09/85 08/17/85	207.9 210.3 197.5 204.4 206.6 219.8	18.1 15.7 28.5 21.6 19.4 6.2	4417	045/10W-20N01 S	98.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	71.0 71.0 71.0 69.0 69.0 71.0 71.0 70.0 70.0 73.0 75.0	27.0 27.0 27.0 29.0 29.0 27.0 27.0 28.0 28.0 25.0 23.0	4210
045/10W-11002 S	176.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	112.0 117.0 109.0 111.0 102.0 101.0 102.0 104.0 110.0 114.0 116.0 118.0	64.0 99.0 67.0 65.0 74.0 75.0 74.0 72.0 66.0 62.0 60.0 58.0	4210	045/10W-19R03 S	92.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	90.0 89.0 89.0 78.0 75.0 76.0 77.0 75.0 89.0 89.0 95.0 99.0	2.0 3.0 3.0 14.0 17.0 16.0 15.0 17.0 4.0 -3.0 -7.0	4210
045/10W-14002 S	164.1	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 124.0 123.0 126.0 104.0 102.0 103.0 107.0 114.0 117.0 120.0 118.0	45.1 40.1 41.1 38.1 60.1 62.1 61.1 57.1 50.1 47.1 44.1 46.1	4210	045/10W-20N01 S	98.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	71.0 71.0 71.0 69.0 69.0 71.0 71.0 70.0 70.0 73.0 75.0	27.0 27.0 27.0 29.0 29.0 27.0 27.0 28.0 28.0 25.0 23.0	4210
045/10W-14H02 S	176.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	116.0 115.0 110.0 105.0 105.0 104.0 107.0 105.0 112.0 113.0 116.0 118.0	60.0 61.0 66.0 71.0 71.0 72.0 69.0 71.0 64.0 63.0 60.0 58.0	4210	045/10W-21F01 S	119.0	11/14/84 02/14/85 05/09/85 08/17/85	68.2 68.1 67.2 69.2	49.8 49.9 50.8 48.8	4417
045/10W-14M01 S	147.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	98.0 94.0 92.0 94.0 83.0 84.0 84.0 84.0 92.0 94.0 97.0 99.0	49.0 53.0 55.0 53.0 64.0 63.0 63.0 55.0 53.0 50.0 48.0	4210	045/10W-21L01 S	123.6	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	139.0 142.0 141.0 142.0 119.0 115.0 117.0 128.0 131.0 145.0 149.0 152.0	-14.4 -18.4 -17.4 -18.4 5.4 8.4 6.4 -4.4 -7.4 -21.4 -25.4 -28.4	4210
045/10W-15R05 S	157.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	119.0 120.0 116.0 118.0 112.0 111.0 113.0 108.0 114.0 115.0 120.0 123.0	38.0 37.0 41.0 39.0 45.0 46.0 44.0 49.0 43.0 42.0 37.0 34.0	4210	045/10W-23R02 S	165.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	92.0 104.0 103.0 104.0 96.0 94.0 109.0 96.0 104.0 106.0 111.0 126.0	73.0 61.0 62.0 61.0 69.0 71.0 56.0 69.0 61.0 59.0 34.0 37.0	4210

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.A Y-01.A1	SANTA ANA HB SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					Y Y-01 Y-01.A Y-01.A1	SANTA ANA HB SANTA ANA RIVER HU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA				
045/10W-25F01 S	152.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	120.0 124.0 112.0 111.0 116.0 116.0 117.0 114.0 108.0 113.0 116.0 114.0	32.0 28.0 40.0 41.0 36.0 36.0 35.0 38.0 44.0 39.0 36.0 36.0	4210	055/09W-22A02 S	86.8	01/02/85 02/01/85 03/01/85 04/31/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	55.0 50.0 57.0 64.0 166.0(1) 89.0 88.0 85.0 87.0	31.8 36.8 29.8 22.8 -79.2 -2.2 -1.2 1.8 -6.2	4709
045/10W-27C02 S	129.0	10/02/84 11/13/84 11/14/84 02/04/85 02/14/85 05/09/85 07/16/85 08/17/85 09/24/85	70.5 71.6 71.6 72.1 71.9 70.3 71.4 72.2 73.1	58.5 57.4 57.4 56.9 57.1 58.7 57.6 56.8 55.9	5102	055/09W-23A01 S	118.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	249.0(1) 242.0(1) 103.0 69.0 79.0 215.0(1) 221.0(1) 224.0(1) 226.0(1) 227.0(1) 95.0 108.0	-130.3 -123.3 15.7 49.7 39.7 -96.3 -102.3 -105.3 -107.3 -108.3 23.7 10.7	4709
045/10W-31802 S	80.0	11/01/84 02/14/85 05/09/85 08/17/85	42.2 39.8 39.8 43.2	37.8 40.2 40.2 36.8	4417	055/09W-23M01 S	77.0	10/26/84 02/13/85 05/09/85	62.2 21.9 51.6	14.8 55.1 25.4	4417
045/10W-34D03 S	95.9	11/14/84 08/17/85	56.4 14.3	39.5 81.6	4417	055/09W-28001 S	60.0	10/30/84 02/13/85 05/06/85 08/16/85	57.3 47.0 54.5 64.0	2.7 13.0 5.5 -4.0	4417
045/11W-24A01 S	82.5	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	82.0 84.0 76.0 76.0 63.0 57.0 60.0 69.0 73.0 81.0 88.0 91.0	.5 -1.5 6.5 6.5 19.5 25.5 22.5 13.5 9.5 1.5 -5.5 -8.5	4210	055/09W-31801 S	40.4	10/25/84 02/13/85 05/16/85 08/07/85	47.2 34.7 39.9 60.6	-6.8 5.7 .5 -20.2	4417
045/11W-26801 S	59.8	10/02/84 02/04/85 06/18/85 09/24/85	28.0 22.3 24.0 25.4	31.8 37.5 35.8 34.4	5102	055/09W-31M02 S	34.3	10/30/84 02/14/85 05/14/85 08/19/85	42.7 29.1 32.5 58.1	-8.4 5.2 1.5 -23.8	4417
045/11W-35801 S	55.4	11/01/84 02/14/85 05/07/85 08/17/85	30.5 22.9 24.6 30.0	24.9 32.5 30.8 25.4	4417	055/09W-34J01 S	67.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	99.0(1) 101.0(1) 46.0 12.0 2.0 2.0 20.0 78.0(1) 94.0(1) 87.0(1) 39.0 23.0	-31.1 -33.1 21.9 55.9 65.9 47.9 -10.1 -26.1 -19.1 28.9 42.9	4709
055/08W-29P01 S	266.5	10/26/84 03/01/85 05/06/85	108.3 107.1 NM-6	156.2 159.4	4417	055/09W-34Q01 S	69.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	123.0(1) 144.0(1) 100.0 66.0 21.0 21.0 74.0 90.0 145.0(1) 113.0(1) 58.0 50.0	-53.3 -74.3 -30.3 5.7 48.7 46.7 -4.3 -20.3 -75.3 -43.3 11.7 19.7	4709
055/08W-31K01 S	219.7	10/26/84 02/11/85 05/06/85 08/06/85	121.8 95.6 111.2 122.1	97.9 124.1 108.5 97.6	4417	055/09W-36801 S	157.0	10/09/84 10/26/84 02/11/85 04/15/85 05/06/85 08/07/85	69.1 66.8 45.3 48.9 54.9 66.0	87.9 90.2 111.7 108.1 102.1 91.0	4417
055/08W-32L01 S	274.4	10/26/84 02/11/85 05/06/85 08/06/85	140.5 134.3 134.9 139.6	133.9 140.1 137.5 134.8	4417	055/09W-10601 S	180.4	10/23/84 01/23/85 06/20/85 09/12/85	NM-9 NM-9 144.3 147.8	5102	
055/09W-10601 S	180.4	10/23/84 01/23/85 06/20/85 09/12/85	NM-9 NM-9 144.3 147.8	36.1 32.6	5102	055/09W-14002 S	123.0	10/26/84 02/12/85 05/06/85 08/16/85	125.0 66.9 123.7 125.5	-2.0 56.1 -7 -2.5	4417
055/09W-15J01 S	107.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/12/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	138.1(1) 100.1 89.1 74.1 83.1 75.7(4) 85.1 89.1 146.1(1) 135.1(1) 100.1 102.1 105.1	-30.8 7.2 19.2 33.2 24.2 31.6 22.2 18.2 -38.8 -47.8 7.2 5.2 2.2	4709	055/10W-09R01 S	74.2	10/09/84 10/31/84 02/15/85 03/12/85 04/15/85 05/09/85 08/16/85	32.3 32.7 30.7 30.0 29.8 30.8 33.9	41.9 41.5 43.5 44.2 44.4 43.4 40.3	4417
055/09W-15R03 S	96.7	10/26/84 02/12/85 05/06/85 08/16/85	17.2 18.2 16.9 19.4	79.5 78.5 79.8 77.3	4417	055/10W-10004 S	84.0	10/31/84 02/15/85 05/09/85 08/16/85	43.0 40.7 41.1 44.5	41.0 43.3 42.9 39.5	4417
055/09W-21801 S	94.0	02/13/85	77.7	16.3	4417	055/10W-10P01 S	82.4	10/31/84 11/13/84 02/15/85 05/09/85 08/16/85	39.0 42.1 36.5 37.1 43.2 40.9 50.7	43.4 40.3 45.9 45.3 39.2 41.9 31.7	5102 5102 5102
055/09W-21P02 S	74.5	10/30/84 02/13/85 05/06/85 08/16/85	14.1 13.5 14.5 15.1	60.4 61.0 60.0 59.4	4417	055/10W-15802 S	79.0	10/31/84 02/15/85 05/09/85 08/16/85	37.1 34.7 39.3 38.7	41.9 44.3 43.7 40.3	4417
055/09W-22A02 S	86.8	10/01/84 10/26/84 11/01/84 11/06/84 12/03/84	87.0 NM-0 80.0 84.6 73.0	-4.2 4417 6.8 2.2 13.8	4709	055/10W-26R02 S	37.2	10/25/84 02/14/85 05/08/85	8.9 7.7 8.0	28.3 29.5 29.2	4417

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.A Y-01.A1	SANTA ANA NB SANTA ANA RIVER MU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA					Y Y-01 Y-01.A Y-01.A1	SANTA ANA NB SANTA ANA RIVER MU LOWER SANTA ANA RIVER HA EAST COASTAL PLAIN HSA				
055/10W-26R02 S	37.2	08/07/85	9.2	28.0	4417	065/10W-05803 S	18.4	08/16/85	28.3	-9.9	4417
055/10W-31004 S	20.0	10/31/84 02/15/85 05/14/85 08/16/85	20.4 14.6 13.2 22.4	-4 5.4 4.8 -2.4	4417	065/10W-11601 S	52.0	10/25/84 02/15/85 05/08/85 08/07/85	62.1 50.3 48.3 56.1	-10.3 1.7 3.7 -14.1	4417
055/10W-33001 S	37.6	10/25/84 02/14/85 05/08/85 08/07/85	36.1 34.5 33.4 35.6	1.5 3.1 4.2 2.0	4417	065/10W-13E01 S	11.4	10/25/84 02/15/85 05/08/85 08/07/85	7.3 6.9 6.7 7.5	4.1 4.5 4.7 3.9	4417
055/10W-35K01 S	32.7	10/09/84 10/25/84 02/13/85 03/12/85 04/15/85 05/08/85 08/07/85	44.4 45.0 32.4 27.8 32.9 33.6 56.3	-11.7 -12.3 3 4.9 -2 -9 -23.6	4417	Y-01.A3 SANTA ANA NARROWS HSA					
055/11W-07C01 S	10.0	11/01/84 02/28/85 05/13/85 08/17/85	49.3 23.9 30.4 47.8	-39.3 -13.9 -20.4 -37.8	4417	035/08W-29001 S	339.0	11/02/84 03/13/85	17.6 NM-6	321.4	4417
055/11W-13A02 S	42.0	02/28/85 05/14/85 08/16/85	31.1 44.7(4) 57.5	10.9 -2.7 -15.5	4417	Y-01.B MIDDLE SANTA ANA RIVER HA Y-01.B1 CHINO HSA					
055/11W-20R04 S	31.2	11/01/84 02/28/85 08/17/85	43.6 34.5 43.9	-12.4 -3.3 -12.7	4417	015/05W-06J01 S	1364.0	11/30/84 05/09/85	NM-7 577.6	786.4	4706
055/11W-24N02 S	25.0	10/30/84 02/14/85 05/14/85 08/14/85	11.4 -1.5 4.7 13.8	13.6 26.5 20.3 11.2	4417	015/05W-07N01 S		11/30/84 05/09/85	NM-7 NM-7		4706
065/08W-06J01 S	238.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	141.0 201.0(1) 123.0 106.0 104.0 104.8 186.0(1) 122.0 160.0(1) 175.0(1) 190.0(1) 169.0(1) 128.0	97.9 37.9 115.0 132.9 134.9 134.1 52.9 116.9 78.9 63.9 48.9 69.9 110.9	4709	015/05W-07N01 S		11/30/84 05/09/85	NM-7 NM-7		4706
065/08W-07E01 S	178.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	77.0 68.0 64.0 50.0 47.0 48.1 52.0 139.0(1) 70.0 68.0 67.0 84.0 79.0	101.2 110.2 114.2 128.2 131.2 130.1 126.2 39.2 108.2 110.2 111.2 64.2 99.2	4709	015/05W-22N01 S	1091.0	10/31/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	250.0 250.0 250.0 250.5 250.0 249.3 248.9 249.0 250.0 248.0 250.0 250.0 250.0	841.0 841.0 841.0 840.5 841.0 841.7 842.1 842.0 841.0 843.0 841.0 841.0 841.0	4124
065/08W-07E01 S	178.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	77.0 68.0 64.0 50.0 47.0 48.1 52.0 139.0(1) 70.0 68.0 67.0 84.0 79.0	101.2 110.2 114.2 128.2 131.2 130.1 126.2 39.2 108.2 110.2 111.2 64.2 99.2	4709	015/05W-29A01 S	1082.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	280.1 277.3 277.8 277.6 278.2 275.0 275.2 275.0 279.0 280.0 274.4 274.0 275.0	802.3 805.1 804.6 804.8 804.2 807.4 807.2 807.4 807.0 808.0 808.4 808.0 807.4	4124
065/08W-07E01 S	178.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	77.0 68.0 64.0 50.0 47.0 48.1 52.0 139.0(1) 70.0 68.0 67.0 84.0 79.0	101.2 110.2 114.2 128.2 131.2 130.1 126.2 39.2 108.2 110.2 111.2 64.2 99.2	4709	015/05W-30L01 S	1049.0	12/27/84 03/29/85 08/30/85	292.7 292.8 288.4	756.3 756.2 760.6	4706
065/08W-08N01 S	244.1	10/26/84 01/23/85 02/11/85	110.5 NM-6 NM-6	133.6 5102 4417	4417	015/06W-11801 S	1246.5	12/27/84 03/29/85 08/30/85	491.5 489.0 488.5	755.0 757.5 758.0	4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 34.0 34.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 88.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-11N01 S		12/27/84 03/29/85 08/30/85	NM-7 NM-7 NM-7		4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 34.0 34.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 88.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-12P01 S		12/27/84 03/29/85 08/30/85	NM-7 NM-7 NM-7		4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 34.0 34.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 88.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-16A01 S		05/08/85	NM-0		4850
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 34.0 34.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 88.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-23001 S	1079.0	12/28/84 03/29/85 08/30/85	341.8 339.0 355.2	737.2 739.0 723.8	4706
065/09W-01L01 S	142.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	74.0 129.0(1) 67.0 46.0 42.0 37.0 42.0 34.0 34.0 54.0 53.7 66.0 72.0 65.0 64.2 62.0	68.4 13.4 75.4 96.4 100.4 105.4 100.4 88.4 88.4 88.7 76.4 70.4 77.4 78.2 80.4	4709	015/06W-25C01 S	1050.0	03/29/85 08/30/85	298.4 296.4	751.5 753.2	4706
065/09W-04L01 S	46.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 02/11/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	43.0 43.0 39.0 35.0 37.0 35.0 35.0 33.0 34.0 39.0 40.0 41.0 47.0	5.3 5.3 9.3 13.3 11.3 13.3 15.3 14.3 9.3 8.3 7.3 1.3	4709	015/06W-27L01 S	955.1	03/29/85 08/30/85	234.3 233.4	720.8 721.7	4706
065/09W-09A01 S	67.0	02/15/85	51.9	15.1	4417	015/07W-08N01 S		10/02/84 01/03/85	NM-7 NM-7		4205
065/10W-05803 S	18.4	10/31/84 02/14/85 05/14/85	24.9 17.2 18.5	-6.5 1.2 -1.1	4417	015/07W-14001 S	1094.0	10/02/84 10/17/84 10/30/84 11/13/84 11/28/84 12/17/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85	440.0 421.0 422.0 421.0 411.0 411.3 410.0 411.0 410.0 410.0 411.0 409.0 409.0	654.0 673.0 672.0 673.0 683.0 681.0 684.0 683.0 684.0 684.0 683.0 685.0 685.0	4702

TABLE O (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.B Y-01.B1	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO MSA					Y Y-01 Y-01.B Y-01.B1	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO MSA				
015/07W-14001 S	1094.0	04/17/85 04/29/85 05/16/85 05/30/85 06/18/85 07/15/85 07/29/85 08/13/85 09/16/85	413.0 428.0 424.0 410.0 433.0 436.0 435.0 435.0 432.0	881.0 866.0 870.0 884.0 861.0 858.0 859.0 859.0 862.0	4702	015/08W-01002 S	1342.0	12/03/84 01/02/85 02/21/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	172.0 172.6 172.0 178.5 193.0(1) 213.0(1) 220.0(1) 218.0(1)	1370.0 1369.4 1360.0 1361.3 1349.0 1327.0 1322.0 1326.0	4748
015/07W-14E01 S	1080.0	10/04/84 10/18/84 10/31/84 11/16/84 12/03/84 12/18/84 01/02/85 01/15/85 01/31/85 02/13/85 02/28/85 03/14/85 04/01/85 04/18/85 05/01/85 05/16/85 05/31/85 06/19/85 07/15/85 07/30/85 08/13/85 09/16/85	436.0 419.0 419.0 418.0 409.0 409.0 408.0 408.0 408.0 408.0 409.0 407.0 407.0 411.0 418.0 419.0 409.0 429.0 432.0 432.0 432.0 429.0	644.0 661.0 661.0 662.0 671.0 671.0 672.0 672.0 672.0 672.0 671.0 673.0 673.0 669.0 662.0 661.0 671.0 631.0 648.0 648.0 648.0 631.0	4702	015/08W-01003 S	1345.0	10/01/84 11/01/84 12/03/84 01/32/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	238.6 235.0 233.0 235.6 308.6 299.0 264.0 241.0 300.0(1) 304.0(1)	1306.4 1290.0 1292.0 1289.4 1236.4 1286.0 1281.0 1264.0 1245.0 1241.0	4748
						015/08W-11C01 S		12/01/84 01/02/85 05/01/85	NM-7 NM-7 NM-7		5125
						015/08W-11R01 S	1219.9	10/02/84 01/01/85 04/01/85 07/30/85 08/07/85	565.0 538.0 553.0(1) 560.0 558.0	654.9 661.9 656.9 659.9 661.9	4205
						015/08W-12K01 S	1255.0	10/01/84 11/01/84 01/02/85 02/01/85 03/01/85 07/01/85 08/01/85 09/03/85	613.0 615.0 616.0 610.0 610.0 640.0(1) 614.0 642.0(1)	840.0 840.0 839.0 845.0 845.0 815.0 841.0 813.0	4748
015/07W-14G01 S	1085.0	10/02/84 10/17/84 10/30/84 11/16/84 11/28/84 12/17/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85 04/17/85 04/29/85 05/16/85 05/30/85 06/18/85 07/15/85 07/29/85 08/13/85 09/16/85	432.0 417.0 421.0 412.0 407.0 407.0 406.0 407.0 406.0 406.0 408.0 405.0 403.0 412.0 423.0 419.0 466.0 427.0 410.0 430.0 430.0 427.0	633.0 668.0 664.0 673.0 678.0 678.0 679.0 678.0 679.0 679.0 677.0 680.0 680.0 673.0 682.0 686.0 679.0 658.0 653.0 655.0 633.0 638.0	4702	015/08W-12P01 S	1214.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/03/85	633.6 584.6 594.2 583.2 583.6 582.6 584.2 590.2 589.6 590.6	581.0 530.0 630.4 631.4 631.0 632.0 630.4 624.4 625.0 624.0	4748
						015/08W-14A03 S	1192.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	518.0 517.0 517.0 517.0 503.0 NM-7 514.0 520.0 528.0 527.0 530.0 530.0	674.0 675.0 675.0 675.0 689.0 674.0 672.0 664.0 663.0 662.0 662.0	5125
015/07W-14L01 S	1066.0	10/04/84 10/18/84 10/31/84 11/16/84 12/03/84 12/18/84 01/02/85 01/15/85 01/31/85 02/13/85 02/28/85 03/14/85 04/01/85 04/18/85 04/30/85 05/16/85 05/31/85 06/18/85 07/15/85 07/29/85 08/13/85 09/16/85	426.0 415.0 413.0 411.0 401.0 411.0 400.0 399.0 398.0 398.0 399.0 398.0 399.0 404.0 408.0 401.0 398.0 398.0 398.0 401.0 401.0 410.0 410.0 407.0	640.0 631.0 633.0 655.0 665.0 655.0 666.0 667.0 668.0 668.0 667.0 667.0 667.0 662.0 636.0 665.0 664.0 668.0 663.0 656.0 636.0 636.0	4702	015/08W-14001 S	1172.2	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	599.0 581.0 578.0 575.0 575.0 NM-7 575.0 NM-7 590.0 596.0 602.0 601.0	573.2 591.2 594.2 597.2 597.2 597.2 597.0 597.2 582.2 576.2 570.2 571.2	5125
						015/08W-14N01 S	1057.0	08/01/85 09/01/85	449.0 490.0	568.0 567.0	5125
015/07W-17E01 S	1155.0	10/02/84 01/03/85 04/01/85 07/20/85 08/07/85	520.0 517.0 545.0(1) 546.0(1) 516.0	635.0 638.0 610.0 609.0 639.0	4205	015/08W-15001 S	1147.0	03/01/85	400.5	746.5	2429
						015/08W-15H01 S	1125.0	10/21/84 11/01/84 12/01/84 01/32/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/03/85	574.0 520.0 510.0 509.0 509.0 510.0 514.0 534.0 530.0 530.0 544.0 544.0	551.0 605.0 615.0 616.0 616.0 615.0 611.0 591.0 595.0 595.0 581.0 581.0	5125
015/07W-19001 S	1080.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/01/85	462.0 462.0 460.5 460.0 439.0 448.0 448.0 462.0 460.0 460.0	618.0 618.0 619.5 620.0 621.0 632.0 632.0 618.0 620.0 620.0	4748	015/08W-15J01 S	1101.0	10/21/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	507.5 498.5 499.5 501.5 492.5 492.5 494.5 498.5 506.5 507.5 515.5 510.5	593.5 602.5 611.5 599.5 618.5 618.5 611.5 602.5 594.5 593.5 585.5 590.5	5125
015/07W-19002 S	1092.3	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/01/85 09/01/85	478.8 471.3 469.8 468.8 457.8 457.8 437.3 496.0(1) 470.3(1) 470.3	613.5 621.0 622.5 623.5 634.5 634.5 635.0 595.4 622.0 622.0	4748	015/08W-19P02 S	1062.0	02/11/85	431.0	631.0	4776

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.81	SANTA ANA NR SANTA ANA RIVER MU MIDDLE SANTA ANA RIVER NA CHINO NSA					Y Y-01 Y-01.8 Y-01.81	SANTA ANA NR SANTA ANA RIVER MU MIDDLE SANTA ANA RIVER NA CHINO NSA				
015/08W-15003 S	1050.0	06/03/85 07/01/85 08/01/85 09/03/85	475.0 475.0 477.0 478.0	575.0 575.0 573.0 572.0	5125	015/08W-35J02 S	854.0	01/10/85 04/17/85 07/02/85	254.7 254.7 249.2	598.3 598.3 604.8	1437
015/08W-19A01 S	1078.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	482.0 472.0 460.0 459.0 462.0 449.0 468.0 482.0 484.0 486.0 476.0 483.0	596.0 606.0 618.0 619.0 616.0 629.0 610.0 596.0 594.0 592.0 602.0 595.0	5125	025/05W-07R03 S		12/17/84	NH-6		2980
						025/05W-18C02 S	861.0	01/02/85 05/15/85	46.0 47.0	815.0 814.0	2980
						025/06W-10M03 S	749.0	05/07/85 06/03/85	159.4(4) 150.8(4)	585.6 584.2	8208
						025/06W-10M04 S	745.0	03/01/85 05/07/85 06/05/85	164.2(4) 160.0(4) 164.4(4)	579.8 585.0 580.6	2208
						025/06W-11J02 S	770.0	01/02/85 05/15/85	21.2 24.5	748.8 745.5	2980
015/08W-23A03 S	1073.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	438.0 437.0 435.0 435.0 434.0 434.0 434.0 433.0 434.0 435.0 437.0 436.0	635.0 636.0 638.0 638.0 639.0 639.0 639.0 640.0 639.0 638.0 636.0 637.0	5125	025/06W-11K03 S	755.0	01/02/85 05/15/85	29.8 32.8	725.2 722.2	2980
						025/06W-11001 S	745.0	01/02/85 05/15/85	18.9 18.2	726.1 726.8	2980
						025/06W-12L01 S	817.0	01/02/85 05/15/85	31.1 31.6	785.9 785.4	2980
						025/06W-12M03 S	795.9	01/02/85 05/15/85	19.5 21.2	776.4 774.7	2980
015/08W-24E01 S		12/01/84 01/02/85 05/01/85	NH-4 NH-4 NH-4		5125	025/06W-13B06 S	783.0	01/02/85 05/15/85	13.8 16.0	769.2 767.0	2980
015/08W-26B01 S		10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85	NH-7 NH-7 NH-7 NH-7 NH-7 NH-7 314.0 314.0 350.0 349.0		5125	025/06W-13C06 S	774.0	01/02/85 05/15/85	8.8 9.7	765.2 764.3	2980
	980.0			666.0		025/06W-13F01 S	764.0	01/02/85 05/15/85	13.6 15.2	750.4 748.8	2980
				630.0 631.0		025/06W-13F02 S	755.0	01/02/85 05/15/85	2.4 4.4	752.6 750.6	2980
015/08W-27H01 S	935.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	327.0 NH-7 323.0 322.0 321.0 NH-7 322.0 323.0	608.0 612.0 613.0 614.0 613.0 612.0	5125	025/06W-13F03 S	770.0	01/02/85 05/15/85	14.3 17.4	755.7 752.6	2980
						025/06W-13F05 S	775.8	01/02/85 05/15/85	24.2 25.8	751.6 750.0	2980
015/08W-28E01 S	882.0	03/01/85	274.5	607.5	2429	025/06W-13M03 S	793.0	01/02/85 05/15/85	5.6 8.3	747.4 744.7	2980
015/08W-28E02 S	890.0	03/01/85	285.4	604.6	2429	025/06W-14C02 S	734.5	01/02/85 05/15/85	26.0 27.3	708.5 707.2	2980
015/08W-28F01 S	900.0	03/01/85	295.0	605.0	2429	025/06W-14M02 S	737.0	01/02/85 05/15/85	4.5 5.4	732.5 731.6	2980
015/08W-28F02 S	887.9	03/01/85	269.5	618.0	2429	025/06W-14L01 S	711.0	01/02/85 05/15/85	3.6 5.5	707.4 705.5	2980
015/08W-28G01 S	894.0	03/01/85	280.0	614.0	2429	025/06W-16B02 S		01/02/85	NH-6		2980
015/08W-28G02 S	903.0	03/01/85	284.0	619.0	2429	025/06W-21003 S		01/02/85	NH-6		2980
015/08W-28L01 S	873.7	03/01/85	256.8	616.9	2429	025/06W-21E01 S	695.2	12/17/84 05/13/85	97.3 97.3	597.9 597.9	2980
015/08W-28M01 S	868.0	03/01/85	262.5	605.5	2429	025/06W-23A01 S	748.0	01/02/85 05/15/85	34.1 34.2	713.9 713.8	2980
015/08W-28M02 S	870.1	03/01/85	267.0	603.1	2429	025/06W-23G01 S	707.0	01/03/85 05/15/85	15.7 15.3	691.3 691.7	2980
015/08W-28M03 S	864.0	03/01/85	257.6	606.4	2429	025/06W-23G04 S		01/03/85	NH-6		2980
015/08W-28N01 S	857.0	03/01/85	250.8	606.2	2429	025/06W-26001 S	684.1	01/03/85 05/15/85	23.0 NH-6	661.1	2980
015/08W-28N02 S	859.0	03/01/85	252.3	606.7	2429	025/06W-26002 S	686.0	01/03/85 05/15/85	25.0 25.6	661.0 660.4	2980
015/08W-30K01 S	844.6	03/01/85	211.3	633.3	2429	025/06W-27A01 S	660.5	01/03/85 05/15/85	13.1 14.6	647.4 645.9	2980
015/08W-31J01 S	808.0	03/01/85	169.0	639.0	2429	025/06W-27004 S	650.0	01/03/85 05/15/85	16.8 18.2	633.2 631.8	2980
015/08W-32G01 S	816.5	03/01/85	216.5	600.0	2429	025/06W-33E01 S	715.9	12/21/84 05/14/85	48.7 NH-6	667.2	2980
015/08W-33C01 S	836.6	03/01/85	237.0	599.6	2429	025/06W-33E02 S	743.6	12/21/84 05/14/85	40.0 44.1	703.6 699.5	2980
015/08W-33001 S	840.6	03/01/85	240.3	600.3	2429	025/08W-11L01 S	710.0	10/12/84 01/10/85 04/17/85 07/02/85	155.8 155.8 155.8 144.2	554.2 554.2 554.2 563.8	1437
015/08W-34A01 S		10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	NH-7 NH-7 NH-7 NH-7 294.0 NH-7 278.0 NH-7		5125	025/08W-11M01 S	702.9	10/12/84 01/10/85 04/17/85 07/02/85	150.0 150.0 150.0 143.3	552.9 552.9 552.9 559.6	1437
	868.0			574.0 590.0							
015/08W-35C04 S	826.0	10/12/84 01/10/85 04/17/85 07/02/85	316.3 316.3 316.3 316.3	509.7 509.7 509.7 509.7	1437						
015/08W-35J01 S	855.0	10/12/84 01/10/85 04/17/85 07/02/85	264.8 264.8 264.8 236.0	590.2 590.2 590.2 619.0	1437						
015/08W-35J02 S	854.0	10/12/84	255.7	598.3	1437						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.83	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER NA CLAREMONT HSA					Y Y-01 Y-01.8 Y-01.84	SANTA ANA HS SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER NA CUCAMONGA HSA				
01N/08W-24E01 S	2141.7	10/02/84 01/03/83 02/13/83 04/01/83 06/20/83 07/20/83 08/07/83	117.0 111.0 111.0 89.0 117.0 117.0 119.0	2024.7 2030.7 2028.7 2032.7 2024.7 2024.7 2022.7	4205	01N/07W-27001 S	1374.0	05/31/83 06/25/83 07/13/83 07/31/83 08/13/83 09/17/83	229.0 248.0 261.0 262.0 267.0 264.0	1343.0 1326.0 1313.0 1312.0 1307.0 1310.0	4702
01N/08W-24L01 S	2137.6	10/02/84 01/03/83 02/13/83 04/01/83 06/20/83 07/20/83 08/07/83	169.0 156.0 159.0 124.0 137.0 157.0 162.0	1968.6 1981.6 1978.6 2013.6 1980.6 1980.6 1973.6	4205	01N/07W-28M01 S	1674.0	10/32/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/13/85 05/31/85 06/21/85	328.4 328.4 331.4 341.4 339.4 328.4 326.4 323.4 323.4 322.4 321.4 319.4 321.4 327.4 329.4 329.4 343.4 343.4	1343.6 1343.6 1342.6 1332.6 1338.6 1345.6 1347.6 1330.6 1330.6 1351.6 1352.6 1334.6 1332.6 1346.6 1344.6 1344.6 1330.6 1330.6	4702
01N/08W-23K02 S	1833.0	10/02/84 01/03/83 02/13/83 04/01/83 06/20/83 07/20/83 08/07/83	139.0 161.0 168.3 201.0(1) 113.0 219.0(1) 217.0(1)	1696.0 1694.0 1686.7 1634.0 1742.0 1636.0 1638.0	4205	01N/07W-28M02 S	1670.0	07/13/83 07/30/83 08/14/83 09/17/83	348.0 357.0 363.0 379.0	1322.0 1313.0 1307.0 1291.0	4702
01N/08W-23M01 S	1864.9	10/01/84 11/01/84 12/03/84 01/02/83 02/01/83 03/01/83 04/01/83 07/01/83 08/01/83 09/03/83	203.6 207.6 210.6 209.6 210.0 212.0 214.0 212.0 213.0 213.6	1661.3 1637.3 1634.3 1633.3 1634.9 1632.9 1630.9 1632.9 1631.9 1631.3	4748	01N/07W-29R03 S	1702.3	10/31/84 11/01/84 12/31/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 09/01/85	330.0(1) 339.3 300.0 296.0 290.0 290.0 291.0 323.0 344.0	1372.3 1393.3 1402.3 1406.3 1412.3 1412.3 1411.3 1379.3 1358.3	4748
01S/08W-02K02 S	1349.3	10/01/84 11/01/84 12/03/84 01/02/83 02/01/83 03/01/83 04/01/83 07/01/83 08/01/83 09/03/83	133.3(1) 171.3 173.3 172.3 180.8(1) 184.3(1) 188.3 212.9(1) 216.3(1) 220.3(1)	1416.0 1378.0 1374.0 1377.0 1368.3 1363.0 1361.0 1336.4 1333.0 1329.0	4748	01N/07W-32R03 S	1496.0	10/31/84 11/31/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 09/01/85	72.0 78.0 71.0 66.0 39.0 38.0 59.0 NM-6	1424.0 1418.0 1423.0 1430.0 1437.0 1438.0 1437.0	4748
01S/08W-02001 S	1481.8	10/01/84 11/01/84 12/03/84 01/02/83 02/01/83 03/01/83 04/01/83 07/01/83 08/01/83 09/03/83	119.3 120.9 122.3 122.9 124.3 123.3 131.3 163.3(1) 168.9(1) 173.3(1)	1362.3 1360.9 1339.3 1358.9 1357.3 1336.3 1330.3 1318.9 1312.9 1308.3	4748	01N/07W-33001 S	1593.0	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/13/85 05/30/85 06/23/85 07/15/85 07/30/85 08/14/85 09/16/85	273.0 274.0 279.0 277.0 274.0 263.0 262.0 260.0 239.0 238.0 237.0 256.0 236.0 264.0 267.0 267.0 277.0 285.0 289.0 300.0 306.0 321.0	1322.0 1321.0 1320.0 1318.0 1321.0 1330.0 1333.0 1333.0 1336.0 1337.0 1338.0 1339.0 1339.0 1331.0 1328.0 1328.0 1318.0 1310.0 1306.0 1293.0 1289.0 1274.0	4702
01S/08W-02F01 S	1470.0	10/01/84 11/01/84 12/03/84 01/02/83 02/01/83 03/01/83 04/01/83 07/01/83 08/01/83 09/03/83	97.6(1) 97.0(1) 97.0(1) 98.0(1) 100.0 101.0(1) 104.0(1) 119.0(1) 124.0(1) 124.0(1)	1372.4 1373.0 1373.0 1372.0 1370.0 1369.0 1366.0 1331.0 1346.0 1346.0	4748	01N/07W-33L01 S	1495.0	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/13/85 05/30/85 06/23/85 07/15/85 07/30/85 08/14/85 09/16/85	206.2 206.2 208.2 206.2 204.2 204.2 202.0 202.0 187.2 181.2 183.2 184.2 182.2 184.2 192.2 193.2 197.2 204.2 214.2 220.2 222.2 239.2	1288.8 1288.8 1288.8 1288.8 1290.8 1301.6 1304.8 1307.8 1313.8 1309.8 1310.8 1312.8 1310.8 1302.8 1301.8 1297.8 1290.8 1280.8 1274.8 1267.8 1263.8 1253.8	4702
Y-01.84	CUCAMONGA HSA										
01N/07W-27P02 S	1380.0	10/03/84 10/17/84 10/30/84 11/14/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/20/85 05/31/85 06/23/85 07/15/85 07/31/85 08/13/85 09/17/85	235.3 238.3 249.3 226.3 213.3 212.3 212.3 209.3 208.3 208.3 208.3 209.3 208.3 223.3 228.3 246.3 234.3 240.3 267.3 261.3 271.3 273.3	1324.7 1321.7 1330.7 1333.7 1364.7 1367.7 1367.7 1371.7 1371.7 1371.7 1370.7 1370.7 1371.7 1356.7 1351.7 1333.7 1323.7 1329.7 1312.7 1318.7 1308.7 1306.7	4702	01N/07W-33M01 S	1488.2	10/31/84 11/31/84 12/01/84 01/02/85 02/01/85 03/01/85 04/01/85 07/01/85 08/31/85 09/01/85	226.0(1) 222.0(1) 199.0 191.0(1) 195.0 201.0(1) 212.0 233.0(1) 246.0(1) 258.0(1)	1262.2 1266.2 1289.2 1297.2 1293.2 1287.2 1276.2 1295.2 1242.2 1230.2	4748
01N/07W-27001 S	1374.0	10/02/84 10/17/84 10/30/84 11/14/84 11/27/84 12/19/84 01/02/83 01/14/83 01/30/83 02/13/83 02/27/83 03/13/83 03/29/83 04/17/83 04/30/83 05/20/83	247.0 234.0 242.0 216.0 199.0 198.0 196.0 192.0 192.0 192.0 196.0 200.0 204.0 211.0 211.0 239.0	1327.0 1338.0 1332.0 1358.0 1373.0 1379.0 1378.0 1382.0 1382.0 1378.0 1374.0 1370.0 1363.0 1343.0 1335.0	4702	01N/07W-34A05 S	1421.0	10/14/84 10/18/84	244.1 205.1	1176.9 1213.9	4702

TABLE 0 (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.84	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CUCAMONGA H54					Y Y-01 Y-01.8 Y-01.85	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA TEMESCAL H54				
01N/07W-34A05 S	1421.0	10/30/84 11/16/84 11/28/84 12/19/84 01/02/85 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/29/85 04/17/85 04/30/85 05/20/85 05/31/85 06/25/85 07/15/85 07/31/85 08/13/85 09/17/85	212.1 189.1 177.1 173.1 174.1 170.1 170.1 169.1 176.1 180.1 182.1 189.1 205.1 211.1 202.1 220.1 243.1 252.1 242.1 239.1	1208.9 1237.9 1243.9 1247.9 1246.9 1250.9 1250.9 1251.9 1244.9 1240.9 1238.9 1231.9 1215.9 1209.9 1218.9 1200.9 1177.9 1168.9 1178.9 1161.9	47C2	035/06W-31001 S	690.0	12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 07/23/85 08/11/85 09/09/85	115.2 114.0 109.0 97.0 113.0 164.0 118.0 113.0 113.0	574.8 576.0 581.0 593.0 577.0 526.0 572.0 577.0 577.0	5272
						035/06W-31002 S		10/07/84 12/17/84 05/14/85 07/23/85 09/09/85	NH-0 NH-0 55.0 69.0 113.0		5272
						035/07W-11L03 S	575.7	08/01/85	R2.9	492.8	8027
						035/07W-25E01 S	604.0	07/01/85 08/31/85 09/03/85	152.0(1) 115.0 117.0	452.0 489.0 487.0	4701
01S/07W-04801 S	1428.2	10/02/84 10/11/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85 04/18/85 04/29/85 05/18/85 05/31/85 06/25/85 07/15/85 07/29/85 08/14/85 09/16/85	159.0 181.0 162.0 162.0 159.0 141.0 148.0 144.0 127.0 130.0 129.0 127.0 140.0 145.0 147.0 146.0 185.0 172.0 185.0 185.0 185.0 199.0	1269.2 1267.2 1266.2 1266.2 1269.2 1267.2 1280.2 1284.2 1301.2 1298.2 1299.2 1301.2 1288.2 1283.2 1281.2 1282.2 1283.2 1256.2 1243.2 1243.2 1243.2 1229.2	4702	035/07W-25J01 S	642.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/15/85 07/23/85 08/11/85 09/09/85	85.0(1) 86.0(1) 92.0 84.0 84.0 89.0 93.0 86.0 86.0 86.0 88.0 92.0	557.0 556.0 560.0 558.0 558.0 554.0 549.0 556.0 556.0 556.0 554.0 550.0	5272
						035/07W-25M02 S	661.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/15/85 07/23/85 08/11/85 09/09/85	117.0(1) 118.0(1) 105.0 104.0 104.0 104.0 105.0 105.0 105.0 105.0 104.0	544.0 543.0 556.0 557.0 557.0 559.0 554.0 556.0 556.0 556.0 556.0 557.0	5272
01S/07W-04802 S	1426.2	10/02/84 10/17/84 10/30/84 11/13/84 11/28/84 12/19/84 12/31/84 01/15/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85 04/18/85 04/29/85 05/18/85 05/30/85 06/25/85 07/15/85 07/29/85 08/14/85 09/16/85	159.8 160.8 163.8 159.8 157.8 138.8 142.8 136.8 128.8 125.8 123.8 122.8 134.8 143.8 144.8 145.8 158.8 170.8 179.8 176.8 180.8 192.8	1268.4 1267.4 1284.4 1268.4 1270.4 1289.4 1285.4 1291.4 1299.4 1302.4 1304.4 1305.4 1293.4 1284.4 1283.4 1282.4 1271.4 1257.4 1248.4 1251.4 1247.4 1235.4	4702	035/07W-27F01 S	658.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/15/85 07/23/85 08/11/85 09/09/85	137.0 138.0 144.0 122.0 138.0 138.0 138.0 138.0 138.0 138.0 138.0 140.0	521.0 520.0 514.0 536.0 520.0 520.0 520.0 520.0 520.0 520.0 520.0 518.0	5272
						035/07W-27G01 S	650.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/15/85 07/23/85 08/11/85 09/09/85	127.0 124.0 122.0 129.0 123.0 138.0 138.0 122.0 121.0 120.0 121.0 120.0	525.0 526.0 528.0 528.0 527.0 527.0 527.0 528.0 529.0 530.0 529.0 530.0	5272
01S/07W-04803 S	1451.8	10/02/84 10/17/84 10/30/84 11/13/84 11/27/84 12/19/84 12/31/84 01/14/85 01/30/85 02/13/85 02/27/85 03/13/85 03/27/85 04/17/85 04/29/85 05/18/85 05/30/85 06/25/85 07/15/85 07/29/85 08/14/85 09/16/85	189.3 190.3 192.3 190.3 187.3 165.3 173.3 168.3 153.3 157.3 156.3 155.3 159.3 178.3 174.3 174.3 194.3 205.3 213.3 193.3 214.3 225.3	1262.5 1261.5 1259.5 1261.5 1264.5 1286.5 1278.5 1283.5 1298.5 1294.5 1295.5 1296.5 1292.5 1275.5 1277.5 1277.5 1257.5 1246.5 1238.5 1258.5 1237.5 1226.5	47C2	035/07W-35C01 S	728.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/15/85 07/23/85 08/11/85 09/09/85	173.0 173.0 173.0 120.0 173.0 173.0 173.0 173.0 173.0 171.0 170.0	555.0 555.0 555.0 608.0 555.0 555.0 555.0 555.0 555.0 557.0 558.0	5272
						Y-01.86	ARLINGTON H54				
						02S/05W-14G03 S	801.3	12/17/84	4.1	797.2	9208
						02S/06W-36R01 S	733.0	12/21/84 05/14/85	11.7 11.7	721.3 721.3	2980
Y-01.85	TEMESCAL H54					03S/05W-06Q02 S	752.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	8.1 8.1 3.1 8.0 7.8 7.7 7.8 7.8 7.8 8.0 8.0 8.6	743.9 743.9 748.9 744.0 744.2 744.3 744.2 744.2 744.2 744.0 744.0 743.4	5208
03S/06W-28A02 S	677.2	12/21/84 05/14/85	21.0 20.9	656.2 656.3	2980						
03S/06W-28L03 S	673.0	12/21/84 05/14/85	28.4 28.3	644.6 644.7	2980						
03S/06W-28L04 S	674.0	12/21/84 05/14/85	29.6 29.4	644.4 644.6	2980						
03S/06W-28M01 S	665.7	12/21/84 05/14/85	26.5 20.9	639.2 644.8	2980	03S/05W-06Q03 S	750.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	6.0 6.6 6.3 6.6 6.2 6.1 6.2	743.1 743.4 743.7 743.4 743.8 743.9 743.8	5208
03S/06W-28M02 S	666.1	12/21/84 05/14/85	28.2 27.9	637.9 638.8	2980						
03S/06W-31001 S	690.0	10/07/84 11/14/84	117.0(1) 112.0	573.0 578.0	5272						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.86	SANTA ANA RR SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA ARLINGTON HSA					Y Y-01 Y-01.8 Y-01.86	SANTA ANA RR SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA ARLINGTON HSA				
035/05W-06003 S	750.0	05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	6.2 6.2 6.4 6.4 7.0	743.8 743.8 743.6 743.6 743.0	5208	035/06W-13E05 S	716.0	06/03/85 07/01/85 08/01/85 09/03/85	17.0 19.6 19.6 21.6	689.9 697.3 697.3 695.3	5208
035/05W-06004 S	752.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	7.5 7.7 6.2 6.2 7.8 7.7 7.8 7.8 7.8 7.9 7.9 8.3	744.5 744.3 743.6 743.6 744.2 744.3 744.2 744.2 744.2 744.1 744.1 743.7	5208	035/06W-13M01 S	721.0	12/21/84 05/14/85	10.1 22.6	710.9 698.4	2980
035/05W-06005 S	752.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	7.5 7.4 6.3 6.3 7.9 7.6 7.9 7.9 7.9 8.1 8.1 8.5	744.5 744.6 743.7 743.7 744.1 744.2 744.1 744.1 744.1 743.9 743.9 743.5	5208	035/06W-13M01 S	725.2	12/21/84 05/14/85	17.0 26.2	708.2 699.0	2980
035/05W-08802 S	803.0	12/20/84 05/17/85	38.5 38.0	764.5 765.0	2980	035/06W-13M02 S	724.8	12/21/84 05/14/85	17.6 26.8	707.2 698.0	2980
035/05W-08E02 S	786.0	12/20/84 05/13/85	24.7 25.1	761.3 760.9	2980	035/06W-14001 S	721.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	20.0 20.1 19.8 20.0 19.0 18.9 19.1 22.5 22.8 24.6 24.6 26.4	701.6 701.7 702.0 701.6 702.8 702.9 702.7 699.3 699.0 697.2 697.2 695.4	5208
035/05W-09E01 S	856.0	10/01/84 11/01/84 12/03/84 12/20/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	81.9 82.3 82.2 81.2 82.4 82.3 81.9 82.5 82.5 82.8 82.9 83.1 83.1 83.4	774.1 773.7 773.8 774.8 773.6 773.7 774.1 773.5 773.2 773.2 773.1 772.9 772.9 772.6	5208	035/06W-22K04 S	687.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	12.1 12.2 17.0 10.3 10.2 10.0 10.2 10.7 16.7	674.9 674.8 670.0 676.7 676.6 677.0 676.8 676.3 670.3	5208
035/05W-09M01 S	859.1	12/20/84 05/17/85	83.0 83.7	776.1 775.4	2980	035/06W-22L01 S	685.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	18.6 18.8 18.9 19.0 15.8 13.6 13.8 14.4 21.2 21.2 21.8	667.0 666.8 666.7 666.6 669.8 672.0 671.8 666.2 664.4 664.4 663.8	5208
035/05W-14E01 S	1111.4	12/20/84 05/14/85	3.6 17.5	1107.8 1093.9	2980	035/06W-24001 S	811.7	12/21/84 05/13/85	3.2 4.4	805.5 807.3	2980
035/05W-17K02 S	878.0	12/20/84 05/13/85	45.4 47.3	832.6 830.7	2980	Y-01.87 RIVERSTONE HSA					
035/05W-19E03 S		12/20/84	NH-0		2980	015/04W-19E01 S		12/14/84	NH-9		5208
035/05W-19E04 S	834.2	12/21/84 05/13/85	7.9 08Y	826.3	2980	015/04W-28L02 S	940.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	30.0 30.0 37.0(1) 25.0 34.0(1) 36.0(1) 31.0(1) 31.0(1)	910.0 910.0 903.0 915.0 906.0 904.0 909.0 909.0	5783
035/05W-19P01 S	903.0	12/21/84 05/13/85	8.8 10.4	894.2 892.6	2980	015/04W-28M01 S		12/17/84	NH-6		2980
035/05W-19P02 S	908.9	12/21/84 05/13/85	6.7 .9	902.2 908.0	2980	015/04W-28M05 S	927.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	35.3(1) 33.8(1) 42.0(1) 21.0 46.0(1) 45.0(1) 46.0(1) 42.0(1)	891.7 893.2 885.0 906.0 881.0 882.0 881.0 885.0	5783
035/05W-19P03 S	910.3	12/21/84 05/13/85	-.3 -.7	910.6 911.0	2980	015/04W-28R02 S	903.6	01/05/85	73.6	920.0	5713
035/06W-13801 S	754.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	27.5 27.1 26.2 26.4 25.7 25.6 25.8 25.6 23.7 32.5 32.5 33.8	726.5 726.9 727.8 727.6 728.3 728.4 728.2 728.4 730.3 721.5 721.5 720.2	5208	015/04W-29H01 S	932.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/11/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.4 23.7 25.9 20.1 20.8 21.9 22.2 22.2 23.9 23.9 25.3	908.6 908.3 908.1 911.9 911.2 910.1 900.8 909.8 909.8 908.1 908.1 906.7	5208
035/06W-13802 S	755.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	25.2 24.9 24.2 24.2 23.8 23.7 23.9 23.6 25.7 30.6 30.6 32.8	729.8 730.1 730.8 730.8 731.2 731.3 731.1 731.4 729.3 724.4 724.4 722.2	5208	015/04W-29H02 S	937.1	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85	24.3 77.6 22.2 20.3 20.9	912.8 909.5 914.9 916.8 916.2	5208
035/06W-13E05 S	716.9	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	10.8 10.6 13.5 13.3 9.4 9.5 9.8 15.1	706.1 706.3 703.4 703.6 707.5 707.4 707.1 701.8	5208						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.8 Y-01.87	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIOE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA HB SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIOE HSA					
01S/04W-29H02 S	937.1	04/01/85 05/01/85 09/03/85	21.5 21.5 26.0	915.6 915.6 911.1	5208	01S/05W-25L02 S	940.0	11/31/84 12/01/84 01/02/85 02/01/85 04/01/85 05/01/85 05/16/85 06/01/85 07/02/85 08/01/85 09/01/85	80.4 77.4 80.4 88.4 68.4 74.4 79.0 77.4 78.4 77.4 77.4	859.6 862.6 859.6 871.6 871.6 865.6 861.0 862.6 861.6 862.6 862.6	3368	
01S/04W-29001 S		12/14/84	NM-4		5208							
01S/04W-29003 S	928.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.9 23.2 23.4 21.3 22.2 23.2 23.4 23.4 23.4 24.8 24.8 26.2	905.1 904.8 904.6 906.7 905.8 904.8 904.6 904.6 904.6 903.2 903.2 901.8	5208	01S/05W-25R04 S	880.0	10/01/84 11/01/84 12/03/84 12/17/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/16/85 06/03/85 07/01/85 08/01/85 09/03/85	19.8 20.1 17.7 15.2 19.9 19.4 19.5 16.8 16.4 15.8 15.7 16.1 16.1 19.3	860.2 859.9 862.3 864.8 860.2 860.6 860.5 863.2 863.6 864.2 864.3 863.9 863.9 860.7	5208	
01S/04W-29004 S	924.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	21.1 21.4 21.5 20.6 21.1 21.7 21.9 21.9 21.7 24.2 24.2 25.4	903.4 903.1 903.0 903.9 903.4 902.8 902.6 902.6 902.8 900.3 900.3 899.1	5208	01S/05W-33A01 S	1004.0	01/02/85 05/17/85	167.0 167.8	839.0 838.2	2980	
						01S/05W-33A02 S	1005.8	01/02/85 05/17/85	166.9 166.6	838.9 839.2	2980	
01S/04W-29R01 S	931.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	23.0 23.4 22.3 23.2 23.8 23.2	908.0 907.6 908.7 907.8 907.2 907.8	5208	01S/05W-33F01 S	1029.0	01/02/85 05/17/85	90.1 92.0	938.9 937.0	2980	
						01S/05W-33L01 S	1016.0	05/17/85	80.3	933.7	2980	
						01S/05W-34802 S	885.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/23/85 06/03/85 07/01/85 08/01/85 09/03/85	160.0 161.0 160.2 160.0 159.2 159.0 148.7 158.5 156.0 159.1 160.0 159.7 160.0	825.0 824.0 824.8 825.0 825.8 826.0 826.3 826.5 829.0 825.9 823.0 823.3 823.0	4124	
01S/04W-30006 S	985.9	11/07/84 05/07/85	113.0 112.0	872.9 873.9	2980							
01S/04W-30P01 S	895.0	12/17/84 05/16/85	11.3 11.6	883.7 883.4	2980							
01S/04W-32801 S	917.0	12/20/84 05/16/85	21.3 20.2	895.7 896.8	2980							
01S/04W-32802 S	922.0	12/17/84 05/16/85	21.1 21.6	900.9 900.4	2980							
01S/04W-32E07 S		12/17/84 05/16/85	NM-5 NM-5		2980	01S/05W-34J01 S	946.1	12/17/84 05/17/85	110.5 112.1	835.6 834.0	2980	
01S/04W-32E11 S	906.0	12/17/84 05/16/85	15.5 16.3	890.5 889.3	2980	01S/05W-34L02 S	958.7	12/17/84 05/16/85	121.8 123.1	836.9 835.6	2980	
01S/04W-32604 S	917.8	12/17/84 05/16/85	26.0 26.4	891.8 891.4	2980	01S/05W-35001 S	967.0	12/17/84 05/20/85	121.1 121.9	845.9 845.1	2980	
01S/04W-32M01 S	923.7	10/09/84 11/06/84 12/03/84 12/17/84 02/13/85 03/12/85 04/09/85 05/16/85 07/10/85 08/22/85	39.7 28.8 37.0 37.9 34.0 38.0 39.0 39.0 43.0 43.0	884.0 894.9 886.7 885.8 889.7 885.7 884.7 884.7 878.7 880.7	5783 5783 5783 2980 5783	01S/05W-35602 S	920.0	12/17/84 05/16/85	74.5 75.5	845.5 844.5	2980	
						01S/05W-36C11 S	884.0	12/17/84 05/16/85	33.2 NM-1	852.8	2980	
						01S/05W-36L01 S		12/27/84	NM-4		5208	
						02S/04W-05C01 S	976.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/15/85 07/22/85	119.9(1) 120.7(1) 120.9(1) 120.2(1) 119.0(1) 118.6(1) 117.8(1) 118.0(1) 118.4(1) 118.0(1) 117.9(1) 118.9(1) 101.9 109.9 100.2 99.8 99.2 99.1 98.8 98.5 98.0 98.9 114.5(1) 116.1(1) 114.8(1) 115.8(1) 118.8(1) 116.8(1) 116.3(1) 118.8(1) 116.4(1) 116.8(1) 103.3 117.3(1) 119.2(1) 118.9(1) 119.3(1) 119.5(1)	856.1 853.3 855.1 855.8 857.0 857.4 858.2 858.0 857.6 858.0 858.2 857.1 874.1 870.1 875.8 876.2 876.8 876.9 877.2 877.5 878.0 877.1 861.9 859.9 861.2 860.2 857.2 859.2 859.7 859.2 859.6 859.2 859.3 858.2 872.7 858.7 856.8 857.1 856.7 856.5	3847	
01S/04W-32002 S	1011.3	12/17/84 05/16/85	132.6 132.0	878.7 879.3	2980							
01S/04W-33803 S	974.0	12/17/84 05/16/85	61.5 60.8	912.5 913.2	2980							
01S/05W-23C01 S	1098.5	12/20/84	234.0	864.5	5208							
01S/05W-23F01 S		12/20/84	NM-7		5208							
01S/05W-23001 S	1020.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	158.5 157.4 156.9 155.8 155.5 155.5 155.4 156.3 167.2(1) 174.2(1) 174.2 171.9(1)	861.6 862.7 863.2 864.3 864.6 864.6 864.7 863.8 852.9 845.9 845.9 848.2	4124							
01S/05W-24E01 S	1070.0	01/03/85 05/16/85	196.7 196.5	873.3 873.5	2980							
01S/05W-24M01 S	1060.0	05/23/85 08/01/85 09/03/85	156.0 174.0 175.0	904.0 886.0 885.0	4124							
01S/05W-25A02 S	1009.0	01/03/85 05/07/85	132.2 135.1	876.8 873.9	2980							
01S/05W-25A03 S	997.0	05/07/85	116.7	880.3	2980							
01S/05W-25802 S	998.9	05/16/85	124.1	874.8	2980							
01S/05W-25L02 S	940.0	10/01/84	66.4	873.4	3368							

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER SANTA ANA RIVER MIDDLE SANTA ANA RIVER RIVERSIDE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER SANTA ANA RIVER MIDDLE SANTA ANA RIVER RIVERSIDE HSA					
025/04W-05C01 S	976.0	07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	114.3(1) 120.8(1) 120.3(1) 120.8(1) 120.8(1) 122.8(1) 123.8(1) 121.8(1) 122.9(1)	857.7 855.2 855.7 855.2 855.2 853.2 852.2 854.2 853.1	3847	025/05W-02F01 S	955.2	06/07/85 06/14/85 06/21/85 06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	121.5 135.5 132.8 130.8 122.5 134.2 121.7 123.3 120.4 130.0	835.7 819.7 822.4 824.4 832.7 821.0 833.5 831.9 834.8 825.2	5713	
025/04W-05F01 S	983.5	12/17/84 05/16/85	113.1 112.0	870.4 871.5	2980	025/05W-02L01 S	896.2	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	76.0 75.3 73.5 75.2 73.7 84.9 75.4	820.2 820.9 822.7 821.0 822.5 821.9 820.8	5715	
025/04W-05N01 S	946.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	78.8(1) 79.1(1) 88.0(1) 79.0 86.0(1) 86.0(1) 95.0(1) 91.0(1)	867.2 866.9 854.0 867.0 860.0 858.0 851.0 855.0	5783	025/05W-02L02 S	909.0	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	86.0 86.3 85.0 85.5 84.9 84.9 85.7	823.0 822.7 824.0 823.5 824.1 824.1 823.3	5713	
025/04W-06K02 S	920.4	12/17/84 05/16/85	80.7 51.5	868.9 868.9	2980	025/05W-02M05 S	894.1	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	76.3 76.0 75.5 74.5 74.1 72.8 73.4	817.8 818.1 818.6 819.6 820.0 821.3 820.7	5713	
025/04W-06R05 S	947.8	12/17/84 05/16/85	82.8 81.4	865.0 866.4	2980	025/05W-02M07 S	826.0	10/01/84 12/27/84	17.4 NM-4	808.6 NM-4	5208	
025/04W-06R06 S	943.9	12/17/84 05/16/85	79.1 77.6	864.8 866.3	2980	025/05W-03A01 S	953.4	12/17/84 05/17/85	121.6 118.1	831.8 835.3	2980	
025/04W-07L01 S	883.1	01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	62.5 62.3 56.9 55.9 55.9	820.6 820.8 826.2 827.2 827.2	5208	025/05W-03G02 S	904.4	06/28/85 07/05/85 07/12/85 07/19/85 07/26/85 08/23/85 09/26/85	84.0 76.8 81.6 83.9 75.3 75.2 79.2	820.4 827.6 822.8 820.5 829.1 829.2 825.2	5713	
025/04W-07N03 S	875.0	11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	66.3 65.5 68.2 65.8 58.5 57.8 57.8 64.1 63.6 63.6 63.0	804.7 809.5 809.8 809.2 816.5 817.2 817.2 810.9 811.4 811.4 812.0	5208	025/05W-08G01 S	903.0	01/02/85 05/17/85	142.1 NM-1	760.9 NM-1	2980	
025/04W-08E01 S	987.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	113.0 115.3 111.5 111.5 111.2 121.8 123.7 125.3 113.1 127.8 127.8 142.8	874.0 871.7 875.5 875.5 875.5 865.2 863.3 861.7 873.9 859.2 859.2 844.2	5208	025/05W-08G04 S	903.7	01/02/85 05/17/85	142.9 NM-1	760.8 NM-1	2980	
025/04W-08K02 S		01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	111.5 111.2 121.8 123.7 125.3 113.1 127.8 127.8 142.8	875.5 875.5 865.2 863.3 861.7 873.9 859.2 859.2 844.2		025/05W-08K02 S		01/02/85	NM-6		2980	
025/04W-08M01 S	1000.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	120.0(1) 110.0(1) 150.0(1) 141.0 149.0(1) 143.0 143.0(1) 146.0	880.0 890.0 850.0 850.0 851.0 857.0 857.0 854.0	5783	025/05W-10G07 S	842.0	01/02/85 05/15/85	47.8 47.6	794.2 794.4	2980	
025/04W-08M02 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	119.0(1) 109.0(1) 126.0 124.0 128.0(1) 130.0(1) 132.0(1) 128.0	864.0 874.0 857.0 859.0 855.0 853.0 851.0 855.0	5783	025/05W-10L05 S	867.7	01/02/85 05/15/85	78.6 77.4	789.1 790.3	2980	
025/04W-08M01 S	1000.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	120.0(1) 110.0(1) 150.0(1) 141.0 149.0(1) 143.0 143.0(1) 146.0	880.0 890.0 850.0 850.0 851.0 857.0 857.0 854.0	5783	025/05W-10P01 S	857.5	01/03/85 05/20/85	74.4 74.9	783.1 782.6	2980	
025/04W-08M02 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	119.0(1) 109.0(1) 126.0 124.0 128.0(1) 130.0(1) 132.0(1) 128.0	864.0 874.0 857.0 859.0 855.0 853.0 851.0 855.0	5783	025/05W-11K02 S	817.0	01/02/85 05/14/85	9.2 10.3	807.8 806.7	2980	
025/04W-08M01 S	1000.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	120.0(1) 110.0(1) 150.0(1) 141.0 149.0(1) 143.0 143.0(1) 146.0	880.0 890.0 850.0 850.0 851.0 857.0 857.0 854.0	5783	025/05W-12A03 S	835.0	10/31/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 09/03/85	41.0 12.0 12.0 12.5 8.1 12.5 11.9 34.9	794.0 823.0 823.0 822.5 826.9 822.5 823.1 800.1	5208	
025/04W-08M02 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	119.0(1) 109.0(1) 126.0 124.0 128.0(1) 130.0(1) 132.0(1) 128.0	864.0 874.0 857.0 859.0 855.0 853.0 851.0 855.0	5783	025/05W-12B01 S	833.8	11/01/84 12/27/84 06/03/85	23.7 NM-4 17.6	810.1 816.2	5208	
025/04W-18E01 S	907.9	12/20/84 05/13/85	84.6 82.9	823.3 825.0	2980	025/05W-12K02 S	836.2	10/01/84 12/03/84 01/02/85 03/01/85	26.0 13.0 13.0 .8	810.2 823.2 823.2 835.4	5208	
025/04W-19A01 S	994.0	12/20/84 05/13/85	169.8 168.9	824.2 825.1	2980	025/05W-12P01 S	823.2	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85	21.2 27.5 21.9 10.9 10.6 10.9 10.2 10.1	802.0 795.7 801.3 812.3 812.6 812.3 813.0 813.1	5208	
025/04W-19E01 S	938.5	12/20/84 05/13/85	120.6 118.7	817.9 819.8	2980	025/05W-12P02 S	818.0	12/21/84	9.5	808.5	5208	
025/04W-19J02 S		05/13/85	NM-6		2980	025/05W-13B02 S	880.0	11/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	86.5 86.2 85.8 85.5 83.3 83.5 84.2 83.2 83.2 83.8	793.5 793.8 794.2 794.5 796.7 796.5 795.8 796.8 796.8 796.2	5208	
025/04W-19M02 S		12/20/84	NM-6		2980							
025/04W-29M01 S	1050.0	12/20/84 05/13/85	59.3 64.5	990.7 985.5	2980	025/05W-12P02 S	818.0	12/21/84	9.5	808.5	5208	
025/05W-01G01 S	854.6	12/17/84	20.0	834.6	5208	025/05W-13B02 S	880.0	11/01/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	86.5 86.2 85.8 85.5 83.3 83.5 84.2 83.2 83.2 83.8	793.5 793.8 794.2 794.5 796.7 796.5 795.8 796.8 796.8 796.2	5208	
025/05W-01G02 S	844.0	12/17/84	20.0	824.0	5208							
025/05W-01J03 S	845.0	12/17/84	13.5	829.5	5208							
025/05W-02F01 S	955.2	01/02/85 04/29/85 05/17/85 05/24/85 05/31/85	232.2 123.0 143.0 142.0 127.0	723.0 832.2 812.2 813.2 826.2	5713							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIOE HSA					Y Y-01 Y-01.8 Y-01.87	SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIOE HSA				
025/05W-14E01 S	770.0	12/17/84	8.0	762.0	5208	025/05W-26E02 S	820.0	02/26/85	66.3(1)	753.7	3847
025/05W-14E02 S	785.0	12/17/84	9.0	776.0	5208			03/03/85	44.1	775.9	
025/05W-19M01 S	775.1	01/03/85	12.2	762.9	2980			03/12/85	43.8	776.5	
		05/20/85	14.1	761.0				03/19/85	42.7	777.3	
025/05W-16E04 S	774.1	01/03/85	11.4	762.7	2980			03/26/85	66.5(1)	753.5	
		05/20/85	12.7	761.4				04/02/85	44.5	775.5	
025/05W-16R01 S	767.5	01/02/85	8.1	759.4	2980			04/09/85	44.8	775.5	
		05/14/85	9.3	758.2				04/16/85	42.9	777.1	
025/05W-17A02 S	823.0	01/02/85	69.3	755.7	2980			04/23/85	43.5	776.5	
		05/17/85	69.3	755.7				04/30/85	43.2	776.8	
025/05W-17K01 S	809.0	01/02/85	56.2	752.8	2980			05/07/85	42.3	777.7	
		05/15/85	58.4	750.6				05/14/85	42.3	777.7	
025/05W-17L01 S	853.0	01/02/85	45.8	807.2	2980			05/21/85	42.5	777.5	
		05/15/85	47.4	805.6				05/28/85	42.8	777.2	
025/05W-17R01 S	770.0	01/03/85	12.8	757.2	2980			06/17/85	67.9(1)	752.5	
		05/20/85	16.8	753.2		025/05W-26F01 S	810.0	06/11/85	67.2(1)	752.8	
025/05W-20J02 S	740.0	01/03/85	3.4	736.6	2980			08/20/85	47.5	772.5	
		05/20/85	3.7	734.3				08/27/85	68.5(1)	751.3	
025/05W-20J03 S	735.7	01/02/85	2.2	733.5	2980			09/03/85	69.5(1)	750.5	
		05/17/85	3.6	732.1				09/10/85	66.5(1)	753.5	
025/05W-20K01 S	767.0	01/02/85	32.0	735.0	2980			09/17/85	69.9(1)	750.3	
		05/17/85	32.9	734.5				09/24/85	45.3	774.5	
025/05W-20K03 S	768.3	01/02/85	34.0	734.3	2980						
		05/17/85	34.3	734.0				10/02/84	82.4(1)	757.6	3847
025/05W-21E01 S	747.3	01/02/85	5.4	741.9	2980			10/09/84	34.1(1)	755.9	
		05/15/85	7.1	740.2				10/16/84	33.6(1)	756.4	
025/05W-22001 S	763.8	01/02/85	4.4	759.4	2980			10/23/84	34.9(1)	755.5	
		05/17/85	5.6	758.2				10/30/84	35.3(1)	754.7	
025/05W-22R01 S	793.6	12/20/84	23.7	769.9	2980			11/06/84	44.7	765.3	
		05/13/85	19.7	773.9				11/13/84	41.4	768.6	
025/05W-22R02 S	795.0	12/20/84	24.7	770.3	2980			11/17/84	35.3	771.7	
		05/13/85	20.4	774.6				11/20/84	55.3(1)	754.7	
025/05W-23F01 S	843.8	12/20/84	66.7	777.1	2980			11/27/84	56.1(1)	753.9	
		05/14/85	62.8	781.0				12/04/84	55.6(1)	754.4	
025/05W-23J01 S	869.4	10/01/84	44.0	825.4	5208			12/11/84	41.4	768.6	
		11/01/84	95.0	774.4				12/18/84	38.4	771.6	
		12/03/84	97.8	771.6				12/24/84	39.4	770.6	
		01/02/85	101.3	768.1				01/02/85	38.5	771.5	
		02/01/85	88.0	781.4				01/08/85	37.7	772.3	
		03/01/85	84.7	784.7				01/15/85	37.1	772.9	
		04/01/85	86.7	782.7				01/22/85	37.2	772.8	
		05/01/85	87.1	782.3				01/29/85	36.4	773.6	
		06/03/85	86.0	783.4				02/04/85	36.0	774.0	
		07/01/85	90.2	773.2				02/12/85	35.6	774.4	
		08/01/85	90.2	773.2				02/19/85	35.7	774.3	
		09/01/85	98.5	770.9				02/26/85	36.5	773.5	
025/05W-23Q01 S	854.9	10/01/84	71.6	789.3	5208			03/05/85	35.7	774.3	
		12/28/84	74.9	780.0				03/12/85	36.7	773.3	
025/05W-23Q03 S	860.0	10/01/84	81.0	779.0	5208			03/19/85	35.1	774.9	
		12/28/84	87.0	775.0				03/19/85	30.4(1)	759.6	
025/05W-23R01 S	864.2	09/04/85	95.7	768.5	5208			04/02/85	36.3	773.7	
025/05W-24001 S	873.7	01/02/85	88.6	789.1	5208	025/05W-26M01 S	820.0	04/09/85	36.1	773.9	
		02/01/85	88.0	785.7				04/16/85	35.3	774.7	
		03/01/85	85.6	788.1				04/23/85	36.5	773.5	
		04/01/85	87.1	786.6				04/30/85	35.9	774.5	
		05/01/85	87.5	786.2				05/07/85	34.7	775.3	
		06/03/85	88.2	785.3				05/14/85	34.5	775.5	
		07/01/85	87.2	786.5				05/21/85	35.3	774.7	
		08/01/85	87.2	786.3				05/28/85	47.4(1)	762.6	
		09/03/85	87.5	786.2				07/02/85	49.7(1)	760.3	
025/05W-25A01 S	948.4	12/20/84	157.4	791.0	2980			07/09/85	47.7(1)	762.3	
		05/13/85	155.2	793.2				07/16/85	38.5	771.9	
025/05W-25F01 S	908.0	12/17/84	131.1	776.9	5208			07/24/85	37.5	772.5	
025/05W-26E02 S	820.0	10/02/84	68.2(1)	751.8	3847			07/31/85	49.3(1)	760.7	
		10/09/84	72.4(1)	747.6				08/07/85	50.3(1)	759.7	
		10/16/84	71.5(1)	748.5				08/13/85	51.2(1)	758.8	
		10/23/84	71.7(1)	748.3				08/20/85	50.3(1)	759.7	
		10/30/84	73.1(1)	746.9				08/27/85	51.3(1)	758.7	
		11/06/84	71.5(1)	749.3				09/03/85	51.4(1)	758.6	
		11/13/84	49.4	770.6				09/10/85	38.3	771.7	
		11/20/84	72.7(1)	747.3				09/17/85	51.3(1)	758.7	
		11/27/84	73.8(1)	746.2				09/24/85	37.4	772.6	
		12/04/84	73.7(1)	746.3							
		12/11/84	70.4(1)	749.6				10/02/84	54.0(1)	766.0	3847
		12/18/84	47.5	772.5				10/09/84	53.9(1)	766.5	
		12/24/84	45.9	774.1				10/16/84	54.4(1)	765.6	
		01/02/85	45.5	774.3				10/23/84	54.8(1)	765.2	
		01/08/85	45.1	774.9				10/30/84	56.2(1)	763.8	
		01/15/85	44.5	775.5				11/06/84	45.1	774.9	
		01/22/85	44.1	775.9				11/13/84	42.5	777.5	
		01/29/85	43.9	776.1				11/20/84	56.7(1)	763.3	
		02/05/85	43.5	776.5				11/27/84	56.9(1)	763.1	
		02/12/85	43.1	776.9				12/04/84	56.6(1)	763.4	
		02/19/85	42.9	777.1				12/11/84	43.0	777.0	
								12/18/84	40.3	779.7	
								12/24/84	40.4	779.4	
								01/02/85	40.3	779.7	
								01/08/85	39.2	780.8	
								01/15/85	38.7	781.3	
								01/22/85	38.3	781.7	
								01/29/85	37.9	782.1	
								02/05/85	37.6	782.4	
								02/12/85	37.2	782.8	
								02/19/85	37.0	783.0	
								02/26/85	49.4(1)	770.6	
								03/05/85	37.4	782.6	
								03/12/85	38.4	781.4	
								03/19/85	36.7	783.3	
								03/26/85	52.3(1)	767.7	
								04/02/85	38.3	781.7	
								04/09/85	38.3	781.7	
								04/16/85	37.0	783.0	
								04/23/85	38.3	781.7	
								04/30/85	37.2	782.8	
								05/07/85	36.4	783.6	
								05/14/85	36.4	783.6	
								05/21/85	37.3	782.7	
								05/28/85	49.3(1)	770.7	
								07/02/85	50.4(1)	769.4	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.B Y-01.B7	SANTA ANA HR SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA RIVERSIDE HSA					Y Y-01 Y-01.C Y-01.C1	SANTA ANA HR SANTA ANA RIVER HU LAKE MATHEWS HA COLOWATER HSA				
025/05W-26M01 S	820.0	07/09/85 07/16/85 07/24/85 07/31/85 08/07/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	38.4 39.5 38.6 52.3(1) 52.3(1) 51.5(1) 52.3(1) 53.4(1) 54.3(1) 42.3(1) 54.2(1) 40.3	781.6 780.5 781.4 767.7 767.7 768.5 767.7 766.6 767.7 777.7 765.8 779.7	3847	055/06W-03K01 S	1122.0	12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/19/85 07/23/85 08/11/85 09/09/85	114.0 112.0 102.0 114.0 111.0 121.0 114.0 132.0 134.0 148.0	1006.0 1010.0 1020.0 1008.0 1011.0 1001.0 1008.0 990.0 984.0 974.0	5272
025/05W-28A01 S	762.8	12/28/84	9.9	752.9	5208	095/06W-03J01 S	1265.0	11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/19/85 07/23/85 08/11/85 09/09/85	135.0(1) 128.0 132.0 128.0 108.0 134.0 134.0 128.0 144.0 161.0 166.0	1150.0 1157.0 1153.0 1157.0 1179.0 1151.0 1151.0 1157.0 1131.0 1124.0 1119.0	5272
025/05W-29E02 S	717.3	01/03/85 05/17/85	4.2 6.2	713.1 711.1	2980	055/06W-11F02 S	1225.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85	190.0 221.5(1) 197.3 194.3 204.5(4) 192.0 222.5(1) 223.3(1) 236.3(1) 228.7(1) 229.8(1)	1035.0 1003.3 1027.7 1030.7 1020.3 1033.0 1002.5 1001.7 988.7 996.3 999.2	5717
025/05W-29E06 S	738.3	01/03/85 05/17/85	24.9 24.9	713.4 713.4	2980	Y-01.C2	8E0F080 HSA				
025/05W-32A01 S		12/20/84	HM-6		2980	045/06W-16B01 S	840.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85	17.3 18.3 12.3 10.0 9.8 10.3 9.3 12.0 17.5 17.8 24.3	822.7 821.7 827.7 830.0 830.2 829.7 830.7 826.0 822.3 822.2 815.7	5717
025/05W-32B01 S	780.1	12/20/84 05/13/85	46.7 46.6	733.4 733.3	2980	045/06W-16C01 S	781.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/19/85 07/23/85 08/11/85 09/09/85	38.5(1) 39.0(1) 26.0 25.0 34.0 36.0 35.0 20.0 24.0 48.0 53.0 54.0	742.3 742.0 755.0 756.0 747.0 745.0 746.0 761.0 757.0 733.0 728.0 727.0	5272
035/05W-03F01 S	880.0	10/01/84 11/01/84 12/03/84 12/20/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	111.5 111.9 112.2 111.5 111.5 112.5 112.3 112.2 112.6 112.2 112.1 112.1 112.3	768.5 768.1 767.8 767.8 768.5 767.5 767.7 767.8 767.4 767.8 767.9 767.9 767.7	5208	045/06W-16C02 S	790.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	39.8(1) 42.2(1) 15.8 13.0 12.8 29.3(1) 12.5 12.5 15.0 38.0(1) 38.5(1) 23.0	750.2 747.6 774.2 777.0 777.2 760.7 777.5 777.3 775.0 752.0 751.3 767.0	5717
Y-01.C Y-01.C1	LAKE MATHEWS HA COLOWATER HSA					045/06W-16F01 S	800.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	18.3(1) 19.0 10.5 8.0 8.0 8.3 7.8 10.0 16.8(1) 16.8(1) 23.0(1)	781.7 781.0 789.3 792.0 792.0 791.7 792.2 790.0 783.2 783.2 777.0	5717
055/06W-02P01 S	1110.3	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	78.1 77.3 79.6 78.3 82.3 82.3 83.8(1) 81.3 82.8 102.3(1) 87.8	1032.2 1033.0 1030.7 1032.0 1028.0 1028.0 1026.3 1029.0 1027.5 1008.0 1022.5	5717	045/06W-16C02 S	790.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	39.8(1) 42.2(1) 15.8 13.0 12.8 29.3(1) 12.5 12.5 15.0 38.0(1) 38.5(1) 23.0	750.2 747.6 774.2 777.0 777.2 760.7 777.5 777.3 775.0 752.0 751.3 767.0	5717
055/06W-03G01 S	1100.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	42.5 45.0 32.8 34.0 34.5 34.3 35.5 35.0 37.0 43.0 46.3 61.0	1057.5 1055.0 1067.2 1066.0 1065.5 1065.7 1060.5 1065.0 1063.0 1057.0 1053.7 1039.0	5717	045/06W-16C02 S	790.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	39.8(1) 42.2(1) 15.8 13.0 12.8 29.3(1) 12.5 12.5 15.0 38.0(1) 38.5(1) 23.0	750.2 747.6 774.2 777.0 777.2 760.7 777.5 777.3 775.0 752.0 751.3 767.0	5717
055/06W-03G05 S	1101.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	69.0 89.7(1) 75.0 70.0 67.8 77.5(1) 72.0 78.0 94.0(1) 91.3 98.3 105.0	1032.0 1011.3 1026.0 1031.0 1033.2 1023.5 1029.0 1023.0 1007.0 1009.7 1002.7 996.0	5717	045/06W-16F01 S	800.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	18.3(1) 19.0 10.5 8.0 8.0 8.3 7.8 10.0 16.8(1) 16.8(1) 23.0(1)	781.7 781.0 789.3 792.0 792.0 791.7 792.2 790.0 783.2 783.2 777.0	5717
055/06W-03J01 S	1110.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 04/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	76.3 89.0(1) 80.3 76.3 74.8 77.0 79.5 81.8 101.5(1) 98.0 105.8 112.3	1033.7 1021.0 1029.7 1033.7 1035.2 1033.0 1030.3 1024.2 1008.5 1012.0 1004.2 997.7	5717	045/06W-22P01 S	896.0	10/01/84 11/01/84 12/03/84 01/02/85 02/11/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	26.0 27.0(1) 26.0 24.0 25.0 25.0 25.0(1) 28.0 28.0 30.3(1) 31.0(1)	870.0 869.0 870.0 872.0 871.0 871.0 871.0 868.0 868.0 866.0 865.0	4701
055/06W-03J04 S	1119.0	10/07/84 11/14/84 12/17/84 01/18/85 02/07/85 03/06/85 04/09/85 05/14/85 06/19/85 07/23/85 08/11/85 09/09/85	95.0(1) 99.0 198.0 93.0 93.0 92.0 99.0 113.0 96.0 119.0 127.0 136.0	1020.0 1016.0 917.0 1022.0 1023.0 1018.0 1000.0 1019.0 996.0 984.0 979.0	5272	045/06W-22P03 S	896.0	10/01/84 11/01/84 12/03/84 01/02/85 02/11/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	24.0 24.0(1) 26.0 25.0 25.0 25.0 25.0(1) 28.0 28.0 30.3(1) 31.0(1)	872.0 872.0 871.0 872.0 873.0 872.0 872.0 872.0 870.0 868.0 866.0	4701
055/06W-03K01 S	1122.0	10/07/84 11/14/84	117.0 119.0(1)	1005.0 1003.0	5272						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS												
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y Y-01 Y-01.C Y-01.C2	SANTA ANA HB SANTA ANA RIVER HU LAKE MATHEWS HA BEDFORD NSA					Y Y-01 Y-01.C Y-01.C2	SANTA ANA HB SANTA ANA RIVER HU LAKE MATHEWS HA BEDFORD HSA					
04S/06W-22P03 S	896.0	09/03/85	30.0(1)	866.0	4701	04S/06W-39G02 S	956.0	08/03/85 09/08/85	15.5 18.0	940.5 938.0	5717	
04S/06W-22P04 S	880.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	26.0 27.0(1) 25.0 24.0 25.0 24.0 24.0(1) 28.0 30.0 29.0(1) 29.0(1)	854.0 853.0 855.0 856.0 855.0 856.0 856.0 852.0 850.0 851.0 851.0	4701	Y-01.C4 LEE LAKE HSA						
						05S/05W-07C01 S	1095.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	31.5(1) 31.5(1) 8.3 7.8 7.5 27.0(1) 7.8 27.5(1) 26.0(1) 25.5(1) 26.5(1) 26.3(1)	1063.5 1063.5 1066.7 1087.2 1087.5 1068.0 1087.2 1067.5 1069.0 1068.5 1068.7	5717	
04S/06W-27C01 S	912.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	52.0 53.0 51.0 49.0 42.0 48.0 48.0 48.0 50.0 54.0 54.0	860.0 859.0 861.0 863.0 870.0 864.0 864.0 864.0 862.0 858.0 858.0	4701	05S/05W-07E01 S	1095.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	93.3 93.3 92.0 91.3 91.5 92.0 91.3 92.0 92.0 95.7 92.8 92.3	1002.7 1002.7 1004.0 1004.7 1004.5 1004.0 1004.7 1004.0 1004.0 1000.3 1003.2 1003.7	5717	
04S/06W-27C02 S	920.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	64.0(1) 65.0(1) 59.0 57.0 56.0 57.0 57.0(1) 60.0(1) 67.0(1) 64.0(1) 66.0	856.0 855.0 861.0 863.0 864.0 863.0 863.0 860.0 855.0 856.0 854.0	4701	05S/05W-08N01 S	1175.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	40.3 39.0(1) 34.0 29.3 27.5 24.8 24.5 44.0(1) 53.0(1) 66.0(1) 74.3(1) 69.8(1)	1134.7 1116.0 1141.0 1145.7 1147.5 1150.2 1150.5 1131.0 1122.0 1109.0 1100.7 1103.2	5717	
04S/06W-27C03 S	908.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	46.0 45.0 43.0 40.0 40.0 39.0 39.0 40.0 42.0 46.0 46.0	862.0 863.0 865.0 868.0 868.0 869.0 869.0 868.0 866.0 862.0 862.0	4701	05S/05W-08N02 S	1146.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	44.0(1) 44.5(1) 36.8 32.3 29.5 28.5 27.0 27.8 31.8 39.4(1) 44.0(1) 45.3(1)	1102.0 1101.5 1109.2 1115.7 1116.5 1117.5 1119.0 1118.2 1116.2 1106.6 1102.0 1100.7	5717	
04S/06W-27C04 S	900.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	44.0 46.0(1) 36.0 39.0 39.0 39.0 39.0 40.0 42.0 46.0 46.0	856.0 854.0 864.0 861.0 861.0 861.0 861.0 868.0 866.0 862.0 862.0	4701	05S/05W-08P01 S	1190.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	64.5(1) 66.0(1) 42.5 38.0 36.0 33.5 34.0 36.3 41.3 63.5(1) 66.5(1) 54.5	1125.5 1124.0 1147.5 1152.0 1154.0 1156.5 1156.0 1153.7 1148.7 1126.5 1123.5 1135.5	5717	
04S/06W-33A01 S	1176.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	73.0(1) 75.0 70.0 78.0(1) 72.0 71.0(1) 72.0 70.0(1) 82.0(1) 85.0 88.0(1)	1103.0 1101.0 1106.0 1098.0 1104.0 1105.0 1104.0 1106.0 1094.0 1091.0 1099.0	4701	05S/05W-08P02 S	1162.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	39.5 34.0(1) 35.5 27.8 25.3 31.0 23.3 29.0 48.5(1) 54.8(1) 60.8(1) 45.8(1)	1122.5 1108.0 1126.5 1134.2 1136.7 1131.0 1138.7 1133.0 1113.5 1107.2 1101.2 1116.2	5717	
04S/06W-33B01 S	1160.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 06/03/85 07/01/85 08/01/85 09/03/85	298.0 186.0 165.0 160.0 165.0 142.0 144.0 136.0 156.0 82.0(1) 240.0(1)	862.0 974.0 995.0 1000.0 995.0 1018.0 1016.0 1024.0 1004.0 1078.0 920.0	4701	05S/05W-08P03 S	1160.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	64.0(1) 54.5(1) 51.0 45.5 50.5 49.0 42.0 44.8 61.8(1) 67.0(1) 77.5(1) 69.0(1)	1096.0 1105.5 1100.0 1114.5 1109.5 1111.0 1118.0 1109.2 1099.0 1095.0 1082.5 1091.0	5717	
04S/06W-39G01 S	956.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85 08/05/85 09/08/85	12.5 13.7 14.5 11.0 10.0 9.3 9.3 10.3 10.3 11.3 13.8 15.3 18.0	943.5 942.3 941.5 945.0 946.0 946.7 946.7 945.9 945.9 944.7 942.2 940.7 938.0	5717	Y-01.0 COLTON-RI4L70 HA Y-01.02 LOWER LYTLE HSA						
04S/06W-39G02 S	956.0	10/06/84 11/05/84 12/05/84 01/06/85 02/06/85 03/05/85 03/07/85 05/05/85 06/06/85 07/07/85	13.0 14.5 14.3 11.5 10.3 9.5 9.5 10.3 11.5 14.5	943.0 941.5 941.7 944.5 945.7 946.5 946.5 945.7 944.5 941.5	5717	01N/05W-06G01 S	2242.5	11/24/84 04/30/85 07/30/85 08/15/85 09/03/85	73.1 71.2 93.9(1) 88.3(1) 87.0(1)	2169.4 2171.3 2148.6 2154.2 2155.5	4706	
						01N/05W-06K02 S		11/29/84 08/15/85	NM-7 NM-7		4706	
						01N/05W-07H01 S	2065.5	11/29/84	100.5	1965.0	4706	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS										
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.
Y-01 Y-01.0 Y-01.02	SANTA ANA RIVER MU COLTON-RIALTO NA LOWER LYLE H54					Y-01 Y-01.0 Y-01.04	SANTA ANA RIVER MU COLTON-RIALTO NA COLTON H54			
01N/05W-07M01 S	2065.9	04/30/85 07/30/85 08/15/85 09/03/85	87.2 110.0 104.5 114.0(1)	1976.3 1959.5 1961.0 1951.5	4706	01N/05W-28J01 S	1514.2	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/23/85 06/03/85 07/01/85	411.0 417.0 415.0 402.0 406.0 401.0 396.0 395.0 405.0	1103.2 1097.2 1099.2 1112.2 1108.2 1113.2 1116.2 1119.2 1109.2
01N/05W-16K01 S	1720.0	11/29/84 04/10/85 08/15/85	240.6 241.9 NM-7	1479.4 1478.1	4706					
01N/05W-22C02 S	1591.5	11/29/84 04/01/85 07/10/85 07/30/85 08/15/85 09/03/85	140.7 140.4 190.7(1) 192.7(1) 199.7(1) 204.2(1)	1450.8 1451.1 1400.8 1399.8 1391.8 1367.3	4708	01N/05W-34B02 S	1490.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 04/01/85 05/01/85 06/01/85 07/01/85	416.0(1) 417.0(1) 396.0 391.0 391.0 384.0 403.0(1) 384.0 405.0(1)	1074.0 1073.0 1094.0 1099.0 1099.0 1106.0 1087.0 1106.0 1085.0
01N/05W-22F01 S	1596.5	11/29/84 04/17/85 07/30/85 08/15/85 09/03/85	147.5 146.7 223.3(1) 215.5(1) 222.4(1)	1449.0 1449.8 1373.2 1381.0 1374.1	4706					
01N/05W-22F02 S	1583.0	11/01/84 04/01/85 07/19/85 07/30/85 08/15/85 09/03/85	131.5 131.5 182.5(1) 187.8(1) 186.6(1) 203.8(1)	1451.5 1451.5 1400.7 1395.2 1396.4 1379.2	4706	01S/04W-07C01 S	1199.6	10/17/84 11/19/84 12/24/84 01/30/85 02/28/85 04/22/85	151.2 166.3 161.7 177.1 167.3 167.4	1048.4 1033.3 1037.9 1022.5 1032.3 1032.2
01N/05W-22F03 S	1577.7	11/29/84 04/01/85	130.0 121.3	1447.7 1456.4	4706	01S/04W-17M01 S	1066.5	12/17/84 09/16/85	153.2 151.6	915.3 916.9
01N/05W-23P04 S	1470.0	10/01/84 11/01/84 12/03/84 05/01/85 06/03/85 06/20/85 07/01/85 08/01/85 09/03/85	30.5 63.5(1) 63.2(1) 40.0 41.3 115.0(1) 63.5 101.0(1) 105.0(1)	1439.5 1406.5 1406.8 1430.0 1428.7 1355.0 1406.5 1369.0 1365.0	4124	01S/04W-18F01 S	1099.4	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	174.0 173.0 172.0 173.0 174.0 173.0 174.0 173.0 169.0 154.0	925.4 926.4 927.4 926.4 925.4 926.4 925.4 926.4 930.4 945.4
Y-01.03	RIALTO H54									
01N/05W-17G01 S	1850.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	75.6 61.2 58.8 57.2 57.7 57.2 61.2 58.0 61.0 59.5 59.3 58.6	1774.4 1788.8 1791.2 1792.8 1792.3 1792.8 1788.8 1792.0 1789.0 1790.5 1790.7 1791.4	4124	01S/04W-18G01 S	1093.5	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	174.0 173.0 172.0 173.0 174.0 173.0 174.0 173.0 169.0 154.0	919.5 920.5 921.5 920.5 919.5 920.5 919.5 920.5 924.5 939.5
01N/05W-17K01 S	1854.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	56.5 55.1 52.5 52.7 49.2 53.6 50.7 50.6 53.0 52.0 51.7 51.0 52.7	1797.6 1799.0 1801.6 1801.4 1804.9 1800.5 1803.4 1803.5 1801.1 1802.1 1802.4 1803.1 1801.4	4124	01S/04W-21J01 S	962.5	12/14/84	18.7	943.8
						01S/04W-21J04 S	966.0	12/14/84	12.1	953.9
						01S/04W-21J06 S	966.0	12/14/84	17.6	948.4
						01S/04W-21K06 S	960.0	12/14/84	26.2	933.8
						01S/04W-21K09 S	959.1	12/14/84	30.2	926.9
						01S/04W-21K11 S	961.0	12/14/84	37.2	923.8
						01S/04W-21L01 S		12/14/84	NM-4	5208
						01S/04W-21N01 S	963.0	12/05/84 03/09/85	62.0 84.7	901.0 878.3
01N/05W-17K02 S	1852.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 05/10/85 06/03/85 07/01/85 08/01/85 09/03/85	66.1 82.3(1) 55.1 81.7(1) 52.7 61.5 51.2 55.7 81.5(1) 85.7(1) 80.8(1) 51.3(1) 81.8(1)	1786.5 1770.3 1797.5 1770.9 1799.9 1791.1 1801.4 1796.9 1771.1 1766.9 1771.8 1801.5 1770.8	4124	01S/04W-21O03 S	955.2	10/17/84 12/17/84 02/28/85 04/23/85 06/03/85 06/21/85 08/27/85 09/03/85	25.7 18.2 37.5 37.5 37.9 50.1 36.8 36.5	929.5 937.7 934.7 917.7 917.7 905.1 918.4 918.7
						01S/04W-27L01 S	993.0	12/17/84 05/16/85	136.3 134.8	856.7 856.2
01S/04W-16P04 S	1014.5	12/14/84	98.2	916.3	5208	01S/04W-28A05 S		12/17/84	NM-6	2980
01S/04W-17G01 S	1046.2	12/14/84	130.0	916.2	5208	01S/04W-28C01 S	949.0	06/03/85 07/01/85 08/01/85 09/03/85	35.2 34.6 34.6 35.2	912.8 913.4 913.4 912.8
01S/04W-17R01 S	1013.3	12/14/84	96.0	917.3	5208	01S/04W-28D01 S	942.0	02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.4 22.4 22.4 22.4 22.5 23.7 23.7 25.1	911.8 919.6 919.6 919.6 919.5 916.3 918.3 916.9
01S/05W-03N01 S	1302.0	10/01/84 11/01/84 12/01/84 01/02/85 02/01/85 04/01/85 05/01/85 06/01/85 07/02/85 08/01/85 09/01/85	280.0 274.0 274.0 269.0 269.0 264.0 262.0 259.0 259.0 259.0 259.0 265.0	1022.0 1028.0 1028.0 1033.0 1033.0 1038.0 1040.0 1043.0 1043.0 1043.0 1037.0	3368	01S/04W-28G01 S	954.8	12/17/84 05/16/85	34.0 32.2	920.6 922.4
01S/05W-13E01 S	1161.4	12/20/84	274.0	887.4	5208	01S/04W-28K01 S	947.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85	76.3(1) 33.5 32.0 28.0 37.0 35.0 55.0(1)	870.7 913.5 915.0 919.0 910.0 912.0 892.0
Y-01.04	COLTON H54									
01N/05W-28J01 S	1514.2	10/01/84 11/01/84	419.0 412.0	1095.2 1102.2	4124					

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.0 Y-01.04	SANTA ANA HB SANTA ANA RIVER HU COLTON-RIALTO HA COLTON HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
01S/04W-20K03 S	947.0	08/22/85	35.0	912.0	5783	01N/03W-29N01 S	1345.2	02/04/85 03/14/85 04/03/85 05/08/85 06/16/85 07/12/85 08/16/85 09/22/85	236.5 237.9 237.4 239.9 240.0 241.2 239.7 240.2	1108.7 1107.4 1107.8 1109.3 1104.4 1104.0 1105.5 1105.0	5060
01S/05W-02C01 S	1345.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	309.0 308.0 304.3 304.0 298.8 298.3 296.2 295.3 296.2 285.0 296.0 294.2 292.8	1034.5 1035.5 1039.2 1039.5 1044.7 1045.2 1047.3 1048.2 1047.1 1058.5 1047.5 1049.3 1050.7	4124	01N/03W-29N02 S	1445.0	11/16/84 12/05/84 01/10/85 02/04/85 03/14/85 04/03/85 05/09/85 06/23/85 07/12/85 09/22/85	239.5 241.5 244.5 237.0 236.2 236.0 237.4 239.8 238.5 240.0	1205.5 1201.5 1200.5 1210.0 1208.0 1209.0 1207.4 1209.2 1206.5 1205.0	5060
01S/05W-02K01 S	1287.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	261.4 259.5 257.4 256.7 257.0 257.0 251.0 252.0 251.7 241.0 252.0 250.2 250.0	1025.6 1027.5 1029.6 1030.3 1030.0 1030.0 1036.0 1035.0 1035.3 1046.0 1039.0 1036.8 1037.0	4124	01N/03W-29N01 S	1291.0	11/16/84 12/05/84 01/10/85 02/04/85 03/14/85 04/03/85 05/09/85 06/14/85 07/12/85 08/14/85	197.0 196.0 186.5 191.5 192.0 192.1 195.0 193.0 192.0 191.0	1094.0 1095.0 1104.3 1099.5 1099.0 1098.9 1096.0 1098.0 1099.0 1100.0	5060
01S/05W-04K01 S	1389.0	11/29/84 04/30/85 07/30/85 08/15/85 09/03/85	240.9 233.9 251.7 251.7 266.0	1144.1 1131.1 1133.3 1133.1 1139.0	4706	01N/03W-30C02 S	1355.6	10/30/84 11/30/84 12/27/84 02/27/85 03/21/85 04/24/85 05/30/85 06/25/85 07/22/85 08/30/85 09/30/85	220.6 217.6 224.6 212.9 214.6 215.1 213.6 213.0 236.3 240.4 247.6	1135.0 1138.0 1131.0 1142.7 1141.0 1140.5 1142.0 1142.6 1119.3 1115.2 1108.0	4104
01S/05W-05A03 S	1406.0	11/30/84 03/29/85	208.6 198.8	1197.4 1207.2	4706	01N/03W-30J05 S		12/28/84 05/27/85 06/17/85	NM-3 NM-3 NM-3		4104
01S/05W-31E03 S	1241.4	12/20/84	246.5	994.9	5208	01N/03W-30N01 S	1234.7	10/17/84 11/30/84 12/28/84 02/26/85 03/25/85 04/24/85 05/27/85 05/30/85 06/29/85 07/25/85 08/27/85 09/19/85	143.7 141.7 138.7 138.7 140.9 137.7 137.7 NM-9 NM-9 164.7(1) 166.9(1) 166.1(1)	1091.0 1093.0 1096.0 1096.0 1093.8 1097.0 1097.0 1098.0 1070.0 1067.8 1068.6	4104
01S/05W-32L01 S	1180.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	209.8 219.8 210.8 214.8 212.8 211.8 213.8(1) 206.8 198.8 237.8(1) 210.8 210.2 207.8	970.2 960.2 969.2 969.2 967.2 968.2 943.2 973.2 981.2 942.2 969.2 969.8 972.2	4124	01N/03W-31C02 S		05/27/85 06/17/85	NM-7 NM-7		4104
01S/05W-32N01 S	1173.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/22/85 07/01/85 08/01/85 09/03/85	208.6 212.4 202.3 211.2(1) 207.0 213.8(1) 211.9 199.3 209.6(1) 202.3(1) 202.3 204.3 228.3(1)	968.4 960.6 970.7 961.8 966.0 959.2 961.1 973.7 963.4 970.7 970.7 968.7 944.7	4124	01N/03W-32C02 S	1270.0	11/16/84 12/05/84 01/10/85 02/04/85 03/14/85 04/03/85 05/19/85 06/16/85	153.0 193.0 153.0 149.0 150.0 149.0 142.0 150.0	1117.0 1117.0 1117.0 1121.0 1120.0 1121.0 1128.0 1128.0	5060
Y-01.E Y-01.E2	UPPER SANTA ANA RIVER HA BUNKER HILL HSA					01N/03W-33C01 S		12/28/84 05/30/85 06/28/85	NM-3 NM-3 NM-3		4104
01N/03W-19E01 S		12/28/84 05/31/85 06/25/85	FLOW FLOW NM-0		4104	01N/03W-33M01 S	1290.0	10/01/84 12/03/84 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	168.0 166.0 164.0 164.0 166.0 169.0 170.0 171.0 174.0 176.0	1122.0 1124.0 1126.0 1126.0 1124.0 1122.0 1120.0 1119.0 1116.0 1114.0	4776
01N/03W-27N02 S	1490.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	42.0 40.0 35.0 34.0 30.0 34.0 33.0 34.0 33.0 34.0 37.0 35.0	1448.0 1490.0 1459.0 1456.0 1460.0 1456.0 1457.0 1456.0 1457.0 1456.0 1453.0 1455.0	4776	01N/03W-33M02 S	1294.0	10/01/84 11/01/84 12/03/84 01/02/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	178.0 180.0 178.0 175.0 175.0 176.0 180.0 170.0 170.0 174.0(1) 172.0	1116.0 1114.0 1116.0 1119.0 1119.0 1118.0 1118.0 1124.0 1124.0 1173.5 1670.5	4776
01N/03W-27N05 S	1494.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.0 31.0 30.0 26.0 21.0 22.0 23.0 24.0 23.0 24.0 25.0 26.0	1464.0 1463.0 1464.0 1468.0 1473.0 1472.0 1471.0 1470.0 1471.0 1470.0 1469.0 1468.0	4776	01N/04W-06H01 S	1402.4	10/23/84 11/27/84 12/26/84 01/28/85 02/21/85 03/22/85 04/22/85 05/27/85 06/26/85 07/25/85 08/28/85	28.9 31.9 30.4 32.7 47.7 52.7 36.4 26.8 28.3 28.0 28.6	1473.5 1670.5 1672.0 1699.7 1854.7 1849.7 1860.0 1875.6 1874.1 1874.4 1873.8	3230
01N/03W-28P01 S		12/26/84 05/28/85 06/25/85	NM-3 NM-3 NM-3		4104						
01N/03W-29M01 S	1345.2	11/16/84 12/05/84 01/10/85	241.2 240.2 248.2	1104.0 1105.0 1097.0	5060						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL NSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL NSA				
01N/04W-06H01 S	1902.4	09/18/85	28.8	1873.6	3230	01N/04W-16E04 S	1413.1	06/21/85 07/24/85 08/28/85 09/16/85	119.4 118.3 121.4 123.9	1293.7 1294.6 1291.7 1289.2	3230
01N/04W-06H02 S	1887.7	10/23/84 11/27/84 12/26/84 01/28/85 02/21/85 03/22/85 04/22/85 05/27/85 06/26/85 07/25/85 08/30/85 09/18/85	20.9 21.7 20.8 28.4 31.0(1) 29.3 27.1(1) 19.7 20.1 19.0 19.6 19.8	1866.8 1866.0 1866.9 1839.3 1836.7 1858.4 1860.6 1868.0 1867.6 1868.7 1868.1 1867.9	3230	01N/04W-20N01 S	1330.9	02/28/85 04/19/85 06/25/85 08/27/85	152.0 155.8 159.8 165.3	1178.9 1175.1 1171.1 1163.6	3230
01N/04W-07F01 S	1622.0	10/01/84 10/23/84 11/23/84 12/26/84 01/28/85 02/18/85 03/25/85 04/19/85 05/24/85 06/16/85 08/01/85 08/30/85 09/18/85	144.6(1) 147.3(1) 130.5 121.5 133.5 131.9 129.7 135.0 160.0(1) 164.5(1) 173.0(1) 173.0(1) 141.2	1477.4 1474.5 1491.5 1500.5 1488.5 1490.1 1492.3 1487.0 1462.0 1457.5 1449.0 1449.0 1480.8	3230	01N/04W-23E01 S		12/04/84 05/31/85 06/01/85	NM-5 NM-3 NM-3		4104
01N/04W-08M01 S	1329.8	10/01/84 10/23/84 11/23/84 12/26/84 12/28/84 02/18/85 03/22/85 04/19/85 05/29/85 06/21/85 07/24/85 08/28/85 09/18/85	147.8(1) 155.2(1) 142.5 130.7 146.0 143.9 141.4 132.3(1) 162.1(1) 168.1 176.8(1) 182.3(1) 186.3(1)	1382.0 1374.6 1387.3 1399.1 1383.8 1385.9 1388.4 1377.5 1367.7 1361.7 1333.0 1347.5 1343.5	3230	01N/04W-23M01 S	1294.8	10/26/84 12/29/84 02/25/85 04/25/85 05/24/85 06/20/85 08/28/85	206.2 197.4 200.7 208.2 88.9 NM-7 NM-7	1088.6 1097.4 1094.1 1086.6 1205.9	3230
01N/04W-08P01 S	1476.7	10/01/84 10/23/84 11/26/84 03/23/85 04/19/85 05/29/85 06/21/85 07/24/85 08/28/85 09/18/85	126.7 133.0 NM-9 NM-9 131.2 152.1(1) 160.9(1) 166.0(1) 167.7(1) 168.7(1)	1330.0 1341.7   1345.5 1324.6 1315.8 1310.7 1309.0 1308.0	3230	01N/04W-25A01 S	1295.6	10/30/84 12/04/84 02/27/85 03/26/85 04/24/85 05/29/85 06/28/85 07/31/85 08/26/85 09/24/85	167.7 161.0 154.6 137.0 139.2 136.4 138.4 172.0(1) 174.1(1) 177.0(1)	1127.9 1134.6 1141.0 1138.6 1136.4 1139.2 1137.2 1123.6 1121.5 1118.6	4104
01N/04W-14R08 S	1409.1	10/23/84 12/26/84 02/29/85 04/23/85 06/23/85 08/28/85	17.5 18.1 20.2 12.9 17.3 18.3	1391.6 1391.0 1388.9 1396.2 1391.8 1390.8	3230	01N/04W-25C02 S	1246.3	10/30/84 12/04/84 02/27/85 03/26/85 04/24/85 05/27/85 06/28/85 07/31/85 08/26/85 09/24/85	146.6 173.9(1) 138.7(1) 158.6(1) 175.8(1) 178.3(1) 180.8(1) 196.1(1) 197.8(1) 198.1(1)	1099.7 1072.4 1087.6 1087.7 1070.7 1068.0 1065.5 1050.2 1048.7 1048.2	4104
01N/04W-16E01 S	1411.9	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/25/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/15/85	114.6 110.1 112.2 107.3 109.8 115.7 111.5 112.8 115.6 116.9 120.4 121.2	1297.3 1301.8 1299.7 1304.6 1302.1 1296.2 1300.4 1299.1 1296.3 1295.0 1291.5 1290.7	3230	01N/04W-25C04 S		12/28/84 02/26/85 05/10/85 06/28/85	NM-7 NM-7 NM-7 NM-4		4104
01N/04W-16E02 S	1403.3	10/01/84 10/16/84 11/26/84 12/30/84 01/28/85 02/18/85 03/23/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	111.9 108.0 101.8 109.1 113.7 108.2 108.4 107.9 110.6 118.5 115.3 116.4 116.6	1291.4 1295.3 1301.5 1294.2 1287.6 1295.1 1294.9 1295.4 1292.7 1284.8 1288.0 1286.9 1286.7	3230	01N/04W-25P04 S		12/28/84 05/31/85 06/25/85	NM-9 NM-9 NM-2		4104
01N/04W-16E03 S	1407.0	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/23/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	109.5 104.3 109.6 105.8 110.5 110.1 111.2 111.1 118.8 116.1 113.6 116.9	1297.5 1302.7 1297.4 1301.2 1296.3 1296.9 1295.8 1295.9 1288.2 1290.9 1293.6 1290.1	3230	01N/04W-26A01 S		12/26/84 05/22/85 06/18/85	NM-0 NM-0 NM-6		4104
01N/04W-16E04 S	1413.1	10/16/84 11/26/84 12/30/84 01/29/85 02/18/85 03/23/85 04/19/85 05/28/85 06/21/85 07/24/85 08/28/85 09/16/85	111.6 112.0 112.1 112.8 112.2 112.7 113.1 113.0 113.0 113.1 113.0	1301.5 1301.1 1301.0 1300.3 1300.9 1300.4 1300.0 1298.1	3230	01N/04W-26A02 S	1241.0	10/22/84 12/04/84 02/27/85 03/26/85 04/24/85 05/21/85 06/18/85	173.0 155.6 155.4 160.0 134.9 139.8 161.1 207.0 208.4 206.1	1068.0 1085.4 1085.6 1081.0 1086.1 1081.2 1079.9 1034.0 1032.6 1034.9	4104
01N/04W-26M01 S	1205.7	10/23/84 12/29/84 03/02/85 04/25/85	119.6 116.4 114.6 105.0(1)	1081.1 1084.3 1086.1 1093.7	3230	01N/04W-26B03 S	1244.0	10/22/84 12/34/84 02/27/85 05/21/85 06/28/85 07/31/85 09/24/85	227.0 228.1 NM-7 160.0 213.3(1) NM-7 216.0(1)	1017.0 1015.9  1084.0 1030.7  1028.0	4104

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER NU UPPER SANTA ANA PIVER HA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
01N/04W-26N01 5	1200.7	05/24/85 06/20/85 09/02/85	105.8 131.4 141.0	1094.9 1089.3 1059.7	3230	01N/04W-26J02 5	1185.0	06/23/85 08/27/85	106.1 113.5	1078.9 1071.5	3230
01N/04W-26N02 5	1193.7	10/25/84 12/25/84 03/02/85 04/25/85 05/24/85 06/20/85 09/02/85	126.9(1) 111.8 123.3(1) 128.0(1) 120.6 140.0(1) 140.1	1066.8 1081.9 1070.2 1065.7 1073.1 1053.7 1053.6	3230	01N/04W-29E01 5	1303.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	188.0 140.0 143.0 136.0 135.0 137.0 138.0 140.0 141.0 141.0 146.0 145.0	1115.7 1163.7 1160.7 1167.7 1168.7 1166.7 1165.7 1163.7 1162.7 1162.7 1157.7 1158.7	4776
01N/04W-26P03 5	1173.9	10/26/84 11/19/84 12/24/84 01/23/85 02/28/85 03/22/85 04/23/85 05/28/85 06/21/85 07/30/85 09/02/85 09/24/85	107.2 101.7 102.5 102.2 101.2 95.8 87.4 157.1(1) 167.6(1) 172.8(1) 174.4(1) 169.2	1066.7 1072.2 1071.4 1071.7 1072.7 1078.1 1086.5 1016.8 1006.3 1001.1 999.5 1004.7	3230	01N/04W-29F01 5	1278.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	163.0 165.0 164.0 165.0 164.0 164.0 165.0 174.0 175.0 179.0 180.0 163.0	1115.0 1113.0 1114.0 1113.0 1114.0 1114.0 1113.0 1104.0 1103.0 1099.0 1098.0 1115.0	4776
01N/04W-27A01 5	1244.4	10/24/84 11/19/84 12/26/84 01/30/85 03/02/85 03/22/85 04/25/85 05/26/85 06/26/85 07/25/85 08/26/85 09/24/85	162.9(1) 162.1(1) 156.9(1) 147.4 148.3 146.4 146.6 153.2 166.3 164.7 146.6 182.3	1081.5 1082.3 1087.5 1097.0 1096.1 1098.0 1097.8 1091.2 1078.1 1079.7 1097.8 1062.1	3230	01N/04W-31A01 5	1258.1	10/22/84 11/19/84 12/26/84 01/30/85 03/02/85 03/22/85 04/22/85 05/27/85 06/26/85 07/24/85 08/28/85 09/18/85	98.8 97.5 97.9 92.4 98.5 97.7 100.4 103.1 106.5 109.7 118.5 131.2	1159.3 1160.6 1160.2 1163.7 1159.6 1160.4 1157.7 1155.0 1151.6 1148.4 1139.6 1126.9	3230
01N/04W-27B01 5	1233.0	10/24/84 11/27/84 12/26/84 01/23/85 02/18/85 03/22/85 04/26/85 05/26/85 06/21/85 07/30/85 08/26/85 09/25/85	149.8 141.2 142.3 139.1 145.4 138.6 139.6 141.9 138.6 138.0 143.0 150.0	1083.2 1091.8 1090.7 1093.9 1087.6 1094.4 1093.4 1091.1 1074.4 1095.0 1090.0 1083.0	3230	01N/04W-31H01 5	1225.0	10/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	80.0 80.0 78.0 80.0 80.0 84.0 84.0 87.0 88.0 76.0 76.0	1145.0 1143.0 1147.0 1143.0 1149.0 1141.0 1141.0 1138.0 1137.0 1149.0 1149.0	4776
01N/04W-27G01 5	1226.4	10/23/84 11/27/84 12/26/84 01/23/85 02/18/85 03/22/85 04/26/85 05/26/85 06/21/85 07/26/85 08/26/85 09/20/85	147.5 140.7 140.5 141.4 141.7 141.4 141.6 144.1 150.2 163.2 161.6 168.6(1)	1078.9 1085.7 1085.9 1085.0 1084.7 1085.0 1084.8 1082.3 1076.2 1061.2 1064.8 1057.8	3230	01N/04W-32003 5	1230.3	10/22/84 11/19/84 12/26/84 01/30/85 03/02/85 03/25/85 04/18/85 05/27/85 06/25/85 08/31/85 09/30/85 09/18/85	85.9 99.9 97.5 74.9 76.9 NM-9 69.5 99.1 99.9 101.5(1) 104.5(1) 93.3	1144.4 1130.4 1132.8 1155.4 1151.4 NM-9 1160.8 1141.2 1140.5 1128.8 1125.8 1137.0	3230
01N/04W-27H01 5	1189.1	10/15/84 11/27/84 12/21/84 01/25/85 03/02/85 03/22/85 04/26/85 05/26/85 06/21/85 07/30/85 08/31/85 09/22/85	126.7(1) 111.8 112.5 112.2 110.4 112.7 114.9 116.7 136.3(1) 137.5 143.1 131.4	1062.4 1077.3 1076.6 1076.9 1078.7 1076.4 1074.2 1072.4 1052.8 1051.6 1046.0 1057.7	3230	01N/04W-32004 5	1236.3	10/01/84 10/22/84 11/19/84 12/26/84 01/10/85 03/02/85 03/25/85 04/18/85 05/31/85 06/25/85 08/01/85 08/30/85 09/18/85	90.4(1) 84.6 81.6 82.8 79.7 78.4 NM-9 68.5 103.0 95.0 108.0(1) 112.8(1) 104.1	1145.9 1151.7 1154.7 1153.5 1156.6 1157.9 NM-9 1167.8 1133.3 1141.3 1126.3 1123.5 1132.2	3230
01N/04W-27H02 5	1184.1	10/24/84 11/27/84 12/20/84 01/25/85 03/02/85 03/25/85 04/26/85 05/28/85 06/21/85 07/30/85 09/02/85 09/20/85	116.3 113.5 115.2 113.0 112.8(1) 115.7(1) 112.0 111.4 129.0(1) 121.0 85.0 133.0(1)	1067.8 1070.6 1068.9 1071.1 1071.3 1068.4 1072.1 1072.7 1055.1 1063.1 1099.1 1091.1	3230	01N/04W-32N01 5	1184.8	10/19/84 11/19/84 12/26/84 01/30/85 03/02/85 03/25/85 04/18/85 05/31/85 06/25/85 08/01/85 08/30/85 09/18/85	44.3 47.3 43.6 72.8 72.8 NM-9 68.5 103.0 95.0 108.0(1) 112.8(1) 104.1	1138.5 1137.5 1141.2 1132.0 1132.0 NM-9 1167.8 1133.3 1141.3 1126.3 1123.5 1132.2	3230
01N/04W-27N01 5	1174.9	10/15/84 11/27/84 12/21/84 01/25/85 03/02/85 04/26/85 05/28/85 06/25/85 07/30/85 08/31/85 09/20/85	109.1 98.2 99.4 101.5 97.7 109.0 106.9 112.0 114.6 118.9 120.9	1065.8 1076.7 1075.3 1073.4 1077.2 1065.9 1068.0 1062.9 1060.3 1056.0 1054.0	3230	01N/04W-33M01 5	1161.0	10/19/84 12/26/84 03/02/85 04/22/85 06/20/85 08/27/85	42.3 44.6 38.7 40.0 44.6 49.1	1118.7 1114.4 1122.3 1121.0 1116.4 1111.9	3230
01N/04W-28J02 5	1185.0	10/15/84 11/29/84 12/26/84 01/29/85 03/02/85 04/19/85 05/28/85	105.1 104.5 103.8 105.4 96.3 97.0 102.1	1079.9 1080.5 1081.2 1079.6 1088.7 1088.0 1082.9	3230	01N/04W-34G01 5	1141.9	10/24/84 11/19/84 12/21/84 01/28/85 02/23/85 03/25/85 04/25/85 05/27/85	79.9 72.8 72.4 73.9 72.0 76.4 83.4 81.5	1062.0 1069.1 1069.5 1068.0 1069.9 1069.3 1056.3 1056.4	3230

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y-01 Y-01.E Y-01.E2	SANTA ANA NB SANTA ANA RIVER HU UPPER SANTA ANA BUNKER HILL NSA					Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA BUNKER HILL HSA					
01N/04W-34601 S	1141.9	06/21/85 07/25/85 09/02/85 09/20/85	107.2 99.4 114.2 102.7	1034.7 1042.3 1027.7 1039.2	3230	01N/05W-03H01 S	1878.3	02/21/85 03/22/85 04/19/85 05/20/85 06/21/85 07/23/85 08/28/85 09/19/85	NM-9 162.7(1) 160.5(1) 172.3(1) 172.3(1) 152.3 163.1 165.1	1715.6 1717.6 1706.0 1706.0 1725.6 1715.2 1713.2	3230	
01N/04W-34603 S	1136.2	10/24/84 11/19/84 12/20/84 01/28/85 02/28/85 03/25/85 04/25/85 05/27/85 06/21/85 08/01/85 09/02/85 09/20/85	70.4 67.3 68.4 66.4 69.6 77.2 103.4 104.8 114.8(1) 118.0(1) 130.8(1) 117.8(1)	1065.8 1068.7 1067.8 1066.8 1066.6 1059.0 1032.8 1031.4 1021.4 1018.2 1003.4 1016.4	3230	01N/05W-03H02 S	1897.2	10/01/84 10/10/84 11/30/84 12/23/84 01/25/85 02/21/85 03/22/85 04/19/85 05/29/85	130.4 132.6 143.8 134.6 144.8(1) 144.0(1) 146.8 151.0 161.2(1)	1766.6 1764.6 1753.4 1762.6 1752.4 1753.2 1750.4 1746.2 1716.0	3230	
01N/04W-35C01 S	1193.2	10/24/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/21/85 07/23/85 09/02/85 09/24/85	95.1 98.0 92.8 95.4 96.0 89.2 91.1 94.8 97.5 105.6 98.1 99.0	1058.1 1055.2 1060.4 1057.8 1057.2 1064.0 1062.1 1038.4 1053.7 1047.6 1054.1 1054.2	3230	01S/03W-02J01 S	1397.4	11/02/84 12/05/84 01/09/85 02/13/85 03/19/85 05/09/85 08/19/85	78.0 81.6 85.1 87.9 90.2 93.4 101.3	1319.4 1315.8 1312.3 1309.3 1307.2 1304.0 1293.9	3400	
01N/04W-35C02 S	1164.5	10/15/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/21/85 07/23/85 09/02/85 09/24/85	100.3 95.9 96.2 95.3 95.7 92.3 93.2 96.3 98.6 103.4 106.3 107.9	1064.0 1068.6 1068.3 1069.2 1068.6 1072.2 1069.3 1068.0 1063.9 1061.1 1058.0 1056.6	3230	01S/03W-03P04 S	1272.0	06/25/85 07/24/85 08/30/85 09/30/85	79.3 89.7(1) 90.7(1) 87.0(1)	1192.7 1182.3 1181.3 1183.0	4104	
01N/04W-35C03 S	1166.0	10/24/84 11/19/84 12/26/84 01/28/85 02/23/85 03/22/85 04/25/85 05/24/85 06/21/85 07/24/85 08/21/85 09/24/85	99.4 97.2 93.6 94.8 96.4 94.2 87.8 100.1 103.6 103.8 105.4 112.6	1068.6 1070.8 1074.4 1073.2 1071.6 1073.8 1080.2 1067.9 1064.4 1064.2 1062.6 1055.2	3230	01S/03W-04G02 S	1240.0	10/01/84 10/17/84 11/01/84 11/29/84 12/03/84 12/26/84 01/02/85 02/01/85 02/27/85 03/01/85 03/23/85 04/01/85 04/25/85 05/31/85 05/28/85 06/03/85 06/23/85 07/01/85 07/24/85 08/01/85 08/27/85 09/03/85 09/19/85	113.0 146.0 113.0 151.0 129.0 149.0 104.0 100.0 144.0 99.0 142.7 102.0 143.6 105.0 143.0 112.0 144.0 109.0 160.0 110.0 161.2 112.0 167.0	1125.0 1094.0 1127.0 1089.0 1111.0 1091.0 1136.0 1140.0 1096.0 1141.0 1097.3 1135.0 1096.4 1135.0 1097.0 1126.0 1096.0 1131.0 1080.0 1130.0 1076.8 1128.0 1073.0	4776 4104 4776 4104 4778 4104 4776 4104 4104 4104 4776 4104 4776 4104 4776 4104 4776 4104 4776 4104 4776 4104	
01N/04W-35L01 S	1130.3	10/23/84 11/27/84 12/12/84 01/25/85 02/28/85 04/25/85 05/24/85 06/20/85 08/28/85	76.0 74.9 62.8 73.6 72.8 81.4 85.9 93.1 100.7	1034.3 1053.4 1067.5 1054.7 1037.3 1048.9 1044.4 1037.2 1029.6	3230	01S/03W-04N01 S		12/23/84 03/27/85 06/17/85	NM-7 NM-7 NM-3		4104	
01N/04W-35L06 S	1127.0	10/24/84 12/29/84 02/28/85 04/25/85 05/24/85 06/20/85 08/28/85	86.8 78.8 74.2 85.0(1) 87.4 100.0(1) 120.6	1040.2 1050.2 1052.8 1042.0 1039.6 1027.0 1006.4	3230	01S/03W-04N03 S	1195.0	10/04/84 11/14/84 12/12/84 02/08/85 03/01/85 04/01/85 05/31/85 06/07/85 07/12/85 08/02/85 09/06/85	68.2 72.4 72.4 72.0 66.1 67.1 68.1 83.3 73.0 74.0 81.0	1126.6 1122.6 1122.6 1123.0 1128.9 1127.9 1126.9 1109.7 1120.0 1121.0 1114.0	4104	
01N/04W-35M03 S	1122.7	10/24/84 11/19/84 12/20/84 01/30/85 02/28/85 03/22/85 04/25/85 05/28/85 06/21/85 07/24/85 08/28/85 09/20/85	75.8 68.8 69.1 63.4(1) 68.2(1) 97.8(1) 77.3 80.3 115.3(1) 93.3 124.0(1) 113.0(1)	1046.9 1053.9 1053.6 1059.3 1054.3 1024.9 1045.4 1042.4 1007.2 1029.4 998.7 1009.7	3230	01S/03W-05D01 S	1193.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	87.0 94.0 81.0 87.0 84.0 82.0 87.0 88.0 92.0 94.0 96.0 95.0	1066.3 1059.3 1072.3 1071.3 1069.3 1071.3 1066.3 1065.3 1061.3 1059.3 1057.3 1055.3	4776	
01N/04W-36K07 S		12/13/84 05/31/85 06/01/85	NM-7 NM-7 NM-7		4104	01S/03W-05D04 S	1148.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	85.0 83.0 60.0 60.0 62.0 60.0 67.0 69.0 71.0 74.0 76.0 76.0	1083.0 1083.0 1088.0 1088.0 1086.0 1088.0 1081.0 1079.0 1077.0 1074.0 1072.0 1072.0	4776	
01N/04W-36001 S	1098.0	10/22/84 11/26/84 12/13/84 02/28/85 03/14/85 04/23/85 05/31/85 06/28/85 07/28/85 08/17/85 09/18/85	24.9 17.0 16.9 18.3 17.7 18.7 18.7 20.1 36.0 37.3 36.7	1073.1 1081.0 1081.1 1079.7 1080.3 1079.3 1079.3 1077.9 1062.0 1060.7 1061.3	4104							
01N/05W-03H01 S	1878.3	10/01/84 10/19/84 11/30/84 12/12/84 01/28/85	146.3(1) 154.4(1) 151.6(1) 137.2 NM-9	1732.0 1723.9 1726.7 1741.1	3230							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS													
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY		
Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL H5A					Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL H5A						
015/03W-03006 5	1130.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	63.0 62.0 58.0 58.0 56.0 53.0 56.0 62.0 63.0 69.0 72.0 70.0	1087.0 1088.0 1092.0 1092.0 1094.0 1093.0 1094.0 1089.0 1087.0 1081.0 1078.0 1080.0	4776	015/03W-17C03 5	1175.9	02/04/83 02/11/83 02/18/83 02/23/83 03/04/83 03/11/83 03/18/83 03/23/83 04/01/83 04/08/83 04/13/83 04/22/83 04/29/83 05/06/83 05/13/83 05/20/83 05/27/83 06/03/83 06/10/83 06/17/83 06/24/83 07/01/83 07/08/83 07/15/83 07/22/83 07/29/83 08/05/83 08/12/83 08/19/83 08/26/83 09/02/83 09/09/83 09/16/83 09/23/83 09/30/83	57.9 56.3 57.8 57.7 58.0 58.1 58.3 58.4 58.8 59.2 59.6 60.3 60.8 61.4 62.4 63.1 63.4 64.6 65.0 65.6 66.6 67.0 67.7 68.4 69.0 69.3 70.0 70.8 71.8 71.8 73.1 73.1 73.2 73.8	1118.0 1117.6 1118.1 1118.2 1117.9 1117.8 1117.4 1117.3 1117.1 1116.7 1116.1 1115.6 1115.1 1114.4 1113.3 1112.6 1112.1 1111.3 1110.9 1110.1 1109.3 1108.9 1108.2 1107.3 1106.9 1106.4 1105.9 1104.1 1104.1 1102.8 1102.6 1102.8 1102.7 1102.1	3647		
015/03W-06H04 5	1148.6	10/04/84 11/14/84 12/12/84 02/22/85 03/01/85 04/03/85 05/03/85 06/07/85 07/12/85 08/02/85 09/06/85	87.0(1) 54.9 52.5 30.6 83.3(1) 46.0 82.0(1) 87.9(1) 94.0(1) 70.0 66.0	1061.6 1093.7 1096.1 1096.0 1065.3 1102.6 1086.6 1080.7 1054.6 1078.6 1082.6	4104	015/03W-06K01 5		12/28/84 03/30/85 06/26/85	NH-2 NH-2 NH-2		4104		
015/03W-09E02 5	1190.0	10/23/84 11/27/84 12/20/84 02/26/85 03/22/85 04/22/85 05/30/85 06/25/85 07/30/85 08/10/85 09/30/85	72.0 70.4(1) 67.5(1) 79.0(1) 71.0 82.0(1) 84.7 83.9(1) 89.2(1) 91.0(1) 87.0(1)	1116.0 1119.6 1122.3 1111.0 1119.0 1108.0 1105.3 1106.1 1100.8 1099.0 1103.0	4104	015/03W-19M01 5	1124.0	10/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 07/01/85 08/11/85 09/03/85		90.7 89.6 41.2 45.1 47.9 65.1 110.4(1) 81.3 76.7	1073.3 1074.6 1082.6 1076.9 1076.1 1038.9 1013.6 1042.7 1047.3	3206	
015/03W-10001 5	1233.0	10/23/84 11/30/84 12/18/84 02/26/85 03/26/85 04/22/85 05/31/85	85.0(1) 89.7(1) 83.0 80.1 81.7 79.9 80.0	1170.0 1163.3 1172.0 1174.9 1173.3 1173.1 1173.0	4104	015/03W-20P01 5	1195.0	12/04/84 03/19/85		91.0 89.7	1104.0 1103.3	3400	
015/03W-11M01 5	1411.0	10/02/84 10/24/84 11/16/84 12/06/84 01/10/85 02/01/85 03/01/85 03/19/85 04/01/85 05/01/85 05/18/85 06/08/85 07/02/85 08/02/85 09/03/85	97.6 100.3 102.9 103.6 109.2 110.4 111.8 112.8 113.8 113.6 116.2 119.0 121.3 124.6 126.2	1311.4 1310.3 1308.1 1305.4 1301.8 1300.6 1299.2 1298.2 1297.2 1295.2 1292.8 1292.0 1289.9 1286.4 1282.8	3400	015/03W-21A01 5	1320.0	11/03/84 01/09/85 02/13/85 02/19/85 05/09/85 08/19/85		111.7(1) 100.2 98.4 98.1 NH-1 NH-1	1208.3 1219.4 1221.6 1221.9	3400	
015/03W-11M01 5	1411.0	10/02/84 10/24/84 11/16/84 12/06/84 01/10/85 02/01/85 03/01/85 03/19/85 04/01/85 05/01/85 05/18/85 06/08/85 07/02/85 08/02/85 09/03/85	97.6 100.3 102.9 103.6 109.2 110.4 111.8 112.8 113.8 113.6 116.2 119.0 121.3 124.6 126.2	1311.4 1310.3 1308.1 1305.4 1301.8 1300.6 1299.2 1298.2 1297.2 1295.2 1292.8 1292.0 1289.9 1286.4 1282.8	3400	015/03W-21M01 5	1318.1	10/08/84 11/08/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85		104.8 104.3 101.0 99.0 97.3 96.0 94.0 96.3 99.3 102.7 107.2 109.0 112.4	1213.3 1213.6 1217.1 1219.1 1220.8 1222.1 1223.1 1217.1 1213.2 1206.6 1207.1 1203.9	3206	
015/03W-12J01 5	1340.7	10/01/84 11/02/84 12/03/84 01/04/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/02/85 08/02/85 09/03/85	143.0 135.0 164.2 170.2 173.0 175.7 179.3 183.0 187.0 190.6 193.3 199.8	1397.7 1395.7 1376.3 1370.3 1367.7 1363.0 1361.2 1357.7 1353.7 1350.1 1343.4 1340.9	3400	015/03W-21M01 5	1320.0	10/08/84 11/08/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85		103.0 102.2 100.0 97.3 96.0 94.0 96.3 99.3 102.7 107.2 109.0 112.4	1217.0 1217.8 1220.0 1222.7 1224.0 1226.0 1223.3 1220.7 1217.3 1212.6 1211.0 1207.6	3206	
015/03W-13F01 5	1280.0	11/04/84 01/09/85 02/13/85 03/19/85 05/06/85 08/19/85	34.5 71.3 32.0 52.5 35.9 63.2	1225.3 1208.3 1228.0 1227.5 1224.1 1214.8	3400	015/03W-21M07 5	1319.0	10/08/84 11/08/84 12/03/84 01/02/85 02/13/85 03/11/85 04/11/85 05/01/85 06/03/85 07/01/85 08/11/85 09/03/85		132.5(1) 131.4(1) 99.0 96.6 95.1 93.6 91.8 139.8(1) 139.8 134.6(1) 146.5(1) 112.0	1186.5 1187.6 1220.0 1222.4 1223.7 1223.2 1227.2 1179.2 1183.2 1164.4 1170.3 1207.0	3206	
015/03W-13M03 5	1334.6	11/05/84 12/04/84 03/21/85	116.8(1) 107.7 104.3	1217.8 1226.9 1230.3	3400	015/03W-21J01 5	1320.6	11/03/84 03/19/85		107.3 95.7	1213.3 1224.9	3400	
015/03W-16L04 5	1255.0	03/21/85	38.8	1198.2	3400	015/03W-22A02 5	1300.0	02/01/83 03/01/83 04/01/83 05/01/83 06/01/83 07/01/83 08/01/83 09/01/83		137.9 136.5 136.0 139.5 139.2 146.0 144.5 150.8	1252.1 1253.5 1252.0 1250.3 1231.8 1244.0 1241.5 1239.2	3206	
015/03W-17C03 5	1175.9	10/01/84 10/08/84 10/13/84 10/22/84 10/29/84 11/05/84 11/12/84 11/19/84 11/26/84 12/03/84 12/10/84 12/17/84 12/24/84 12/31/84 01/07/85 01/14/85 01/21/85 01/28/85	64.9 69.1 64.0 63.9 63.0 66.4 64.9 63.4 61.1 64.3 64.2 64.1 63.6 62.6 61.4 60.1 39.4 38.9	1111.0 1106.8 1111.9 1110.0 1110.9 1109.5 1111.0 1110.3 1114.8 1111.6 1111.7 1111.4 1112.3 1113.3 1114.3 1113.8 1116.5 1117.0	3647	015/03W-23A03 5	1475.0	11/05/84 03/19/85		165.8 169.3	1309.2 1305.7	3400	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HQ SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL NSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HQ SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL NSA				
015/03W-27E02 S	1311.1	10/08/84	117.2(1)	1193.9	5206	015/04W-02K02 S	1057.8	10/15/84	-1.6	1056.6	3230
		11/09/84	86.5	1224.6				11/19/84	FLOW		
		12/03/84	113.9	1197.2				12/17/84	FLOW		
		01/02/85	79.9	1231.2				01/28/85	7.0(1)	1050.8	
		02/01/85	98.5(1)	1212.6				02/28/85	10.7(1)	1047.1	
		03/01/85	77.2	1233.9				04/26/85	NH-1		
		04/01/85	65.2	1223.9				05/28/85	NH-1		
		05/01/85	115.5(1)	1195.6				06/21/85	NH-1		
		06/03/85	99.0	1212.1				07/24/85	NH-1		
		07/01/85	122.1(1)	1189.0				08/25/85	NH-1		
		08/01/85	118.9(1)	1192.2				09/26/85	NH-1		
		09/03/85	95.7(1)	1215.4							
015/03W-28H01 S	1306.0	10/08/84	119.5(1)	1186.5	5206	015/04W-02K03 S	1053.2	10/16/84	22.9	1030.3	3230
		11/08/84	90.3	1217.7				11/19/84	3.9	1049.3	
		12/03/84	88.7	1219.3				12/17/84	FLOW		
		01/02/85	83.3	1224.7				01/30/85	58.7(1)	994.5	
		02/01/85	88.7	1219.3				02/27/85	61.0(1)	992.2	
		03/01/85	80.8	1227.2				04/25/85	32.9	1020.3	
		04/01/85	83.3	1224.7				05/27/85	37.9	1015.3	
		05/01/85	96.3	1211.7				06/19/85	59.6	1013.6	
		06/03/85	100.8	1207.2				08/01/85	73.9(1)	979.7	
		07/01/85	97.0	1211.0				08/29/85	60.4(1)	972.6	
		08/01/85	96.0	1210.0				09/26/85	73.9(1)	979.3	
		09/03/85	100.0	1208.0							
015/03W-28K01 S	1290.0	10/08/84	86.5	1201.5	5206	015/04W-02L01 S	1047.6	06/03/85	31.8	1016.0	5208
		11/08/84	81.6	1208.4				07/01/85	35.6	1012.2	
		12/03/84	77.4	1212.6				08/01/85	35.6	1012.2	
		01/02/85	71.0	1217.0				09/03/85	36.2	1011.6	
		02/01/85	77.0	1213.0		015/04W-02L02 S		12/14/84	FLOW		5208
		03/01/85	71.0	1219.0		015/04W-02M01 S	1046.6	10/15/84	18.0	1030.6	3230
		04/01/85	74.0	1216.0				12/21/84	13.5	1033.1	
		05/01/85	85.0	1205.0				01/28/85	16.2	1032.4	
		06/03/85	83.2	1206.8				02/28/85	14.2	1034.4	
		07/01/85	87.3	1202.7				04/23/85	16.0	1032.6	
		08/01/85	87.0	1203.0				06/20/85	14.9	1033.7	
		09/03/85	90.0	1200.0				08/21/85	14.0	1034.6	
015/03W-32001 S	1206.2	11/09/84	89.7	1116.5	3400	015/04W-02N01 S	1037.0	10/18/84	16.0	1021.0	4104
		01/09/85	82.9	1123.3				11/28/84	14.0	1023.0	
		02/13/85	80.9	1125.3				12/17/84	15.4	1021.6	
		03/19/85	83.0	1123.2				02/26/85	13.2	1021.8	
		05/09/85	87.1	1119.1				03/19/85	15.0	1022.0	
		08/19/85	95.9	1110.3				04/23/85	13.5	1021.3	
015/04W-01A06 S	1096.2	10/30/84	22.5	1073.4	3230			05/29/85	16.6	1020.4	
		12/21/84	23.1	1073.1				06/18/85	13.9	1021.1	
		02/28/85	23.6	1072.6				07/31/85	28.2	1006.8	
		04/26/85	23.8	1072.4				08/17/85	31.5	1005.3	
								09/18/85	32.0	1005.0	
015/04W-01B04 S	1096.8	10/30/84	18.7	1078.1	4104	015/04W-02N02 S	1040.1	10/15/84	17.0	1023.1	4104
		11/26/84	4.3	1092.5				11/28/84	FLOW		
		12/13/84	4.0	1092.8				12/14/84	FLOW		5208
		02/28/85	4.9	1091.9				12/28/84	FLOW		4104
		03/18/85	5.0	1091.6				02/26/85	11.8	1026.3	
		04/23/85	5.2	1091.6				03/23/85	15.0	1023.1	
		05/31/85	9.3	1087.5				04/23/85	14.3	1023.8	
		06/18/85	9.1	1087.7				05/31/85	14.9	1023.2	
		07/30/85	37.0	1059.8				06/19/85	14.0	1026.1	
		08/17/85	39.1	1057.7				07/26/85	32.0	1008.1	
		09/18/85	39.0	1057.8				08/30/85	30.6	1009.5	
								09/23/85	27.8	1012.3	
015/04W-01E01 S	1066.0	06/03/85	16.1	1051.9	5208	015/04W-02P01 S	1049.5	07/01/85	36.8	1008.7	5208
015/04W-01E02 S		12/26/84	NH-7		4104			08/01/85	36.8	1008.7	
		05/22/85	NH-7					09/23/85	39.0	1006.5	
		06/18/85	NH-7								
015/04W-01G01 S	1097.0	10/31/84	22.7	1074.3	4104	015/04W-02P02 S	1037.6	10/15/84	17.0	1020.6	4104
		11/27/84	23.9	1073.1				11/28/84	FLOW		
		12/28/84	21.0	1076.0				12/14/84	FLOW		5208
		02/28/85	22.6	1074.4				12/28/84	FLOW		4104
		03/27/85	22.5	1074.5				02/26/85	9.9	1027.7	
		04/23/85	23.7	1073.3				03/23/85	10.7	1026.9	
		05/27/85	23.0	1074.0				04/23/85	10.0	1027.6	
								05/31/85	14.0	1023.6	
015/04W-01K04 S	1092.0	10/19/84	31.8	1060.2	4104			06/18/85	14.2	1023.4	
		11/30/84	29.8	1062.2				07/26/85	30.0	1007.6	
		12/26/84	27.3	1064.7				08/30/85	29.7	1007.9	
		02/26/85	29.1	1062.9				09/23/85	24.0	1013.6	
		03/20/85	30.5	1061.5		015/04W-02P03 S		12/14/84	FLOW		5208
		04/23/85	30.8	1061.2							
		05/22/85	33.5	1058.9		015/04W-02P06 S	1047.0	09/23/85	56.6	990.4	5208
		06/18/85	33.8	1058.2							
		07/31/85	45.7	1051.3		015/04W-02003 S	1052.0	09/23/85	54.6	997.4	5208
		08/26/85	42.6	1049.4							
		09/19/85	39.8	1052.2		015/04W-02004 S	1057.5	10/19/84	30.4	1027.1	4104
								11/28/84	5.0	1032.5	
015/04W-02A03 S	1072.0	06/03/85	9.1	1062.9	5208			12/13/84	4.7	1032.8	
								02/26/85	42.4	1015.1	
015/04W-02A05 S	1087.0	10/31/84	33.0	1054.0	4104			03/19/85	43.0	1014.5	
		11/27/84	36.8	1050.2				04/23/85	34.0	1023.9	
		12/28/84	38.0	1049.0				05/31/85	37.2	1020.3	
		02/27/85	31.0	1056.0				06/28/85	30.0	1018.5	
		03/21/85	30.7	1056.3				07/28/85	66.0	991.5	
		04/25/85	29.3	1057.7				08/17/85	66.6	990.9	
		05/31/85	31.0	1056.0				09/18/85	67.4	992.1	
		06/25/85	31.3	1055.7		015/04W-02006 S	1057.0	09/23/85	55.9	1001.1	5208
		07/28/85	35.0	1052.0							
		08/30/85	39.3	1047.7		015/04W-02007 S		12/14/84	FLOW		5208
		09/30/85	37.5	1049.5							
015/04W-02K01 S	1056.3	10/16/84	26.6	1029.7	3230	015/04W-02008 S	1055.0	10/18/84	26.6	1029.4	4104
		11/19/84	5.9	1050.4				11/28/84	3.8	1031.2	
		12/20/84	5.7	1050.6				12/19/84	3.3	1031.5	
		01/28/85	7.2	1049.1				02/26/85	33.5(1)	1021.5	
		04/25/85	35.3	1021.0				03/19/85	32.9(1)	1022.1	
		05/27/85	26.3	1030.0				04/23/85	32.1	1022.9	

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
01S/04W-02008 S	1055.0	05/29/85 06/28/85 07/20/85 08/17/85 09/18/85	31.5 33.0 66.5(1) 70.7(1) 71.5(1)	1023.5 1021.2 986.5 984.3 983.5	4104	01S/04W-08F07 S	1095.1	02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	36.0 61.0 62.0 89.0 99.0 94.0 90.0 69.0	1059.1 1034.1 1033.1 1006.1 996.1 1001.1 1005.1 1026.1	4201
01S/04W-02009 S	1055.5	10/04/84 11/14/84 12/12/84 02/22/85 03/01/85 04/05/85 05/03/85 06/28/85 07/12/85 08/02/85 09/06/85	15.6 6.5 FLOW 74.5(1) 74.5(1) 73.2(1) 74.0(1) 81.5(1) 84.0(1) 95.7(1) 96.0(1)	1039.9 1049.0  981.0 981.0 982.3 981.5 974.0 971.5 959.8 959.5	4104	01S/04W-08F08 S	1096.5	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	63.0 29.0 39.0 64.0 65.0 92.0 102.0 97.0 93.0 72.0	1033.5 1067.5 1057.5 1032.9 1031.5 1004.5 994.5 999.5 1003.5 1024.5	4201
01S/04W-03001 S	1096.4	10/15/84 11/29/84 12/21/84 01/30/85 02/24/85 04/18/85 05/24/85 06/25/85 08/01/85 08/27/85 09/18/85 09/29/85	24.5 21.7 21.5 19.6 21.7 23.6 26.7 26.1 26.9 27.8 28.0 NM-2	1071.9 1074.7 1074.9 1076.8 1074.7 1072.8 1069.7 1070.3 1069.5 1068.6 1068.4	3230	01S/04W-08F10 S	1096.2	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	63.0 29.0 39.0 64.0 65.0 92.0 102.0 97.0 93.0 72.0	1033.2 1067.2 1057.2 1032.2 1031.2 1004.2 994.2 999.2 1003.2 1024.2	4201
01S/04W-03J05 S	1034.1	10/15/84 11/19/84 12/17/84 01/29/85 02/27/85 03/25/85 04/25/85 05/27/85 06/21/85 07/24/85 08/28/85 09/26/85	28.7(1) -2.2 21.9 21.9(1) 27.6(1) 28.0(1) 26.4 26.2 54.2(1) 53.4(1) 54.4(1) 47.4(1)	1005.4 1036.3 1012.2 1012.2 1007.0 1006.1 1007.7 1007.9 979.9 980.7 979.7 986.7	3230	01S/04W-08001 S	1075.8	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	34.0 23.0 23.0 33.0 33.0 60.0 60.0 59.0 65.0 53.0	1041.8 1052.6 1052.6 1042.8 1042.8 1015.8 1015.8 1016.8 1010.8 1022.8	4201
01S/04W-03001 S	1041.8	10/15/84 11/19/84 12/17/84 01/25/85 02/28/85 03/25/85 04/25/85 05/27/85 06/20/85 08/01/85 08/29/85 09/20/85	-1.0 FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW .6 1.7 2.4	1042.8         1041.2 1040.1 1039.4	3230	01S/04W-08003 S		12/17/84 01/28/85 04/22/85	NM-2 NM-2 NM-2		3230
01S/04W-08R04 S		11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	39.4 28.4 28.4 38.4 38.4 65.4 65.4 64.4 58.4 58.4	1036.3 1047.3 1047.3 1037.3 1037.3 1010.3 1010.3 1011.3 1005.3 1017.3	4201	01S/04W-08R04 S	1075.7	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	39.4 28.4 28.4 38.4 38.4 65.4 65.4 64.4 58.4 58.4	1036.3 1047.3 1047.3 1037.3 1037.3 1010.3 1010.3 1011.3 1005.3 1017.3	4201
01S/04W-05C03 S	1176.0	10/19/84 12/26/84 03/01/85 04/22/85 06/20/85 08/20/85	43.9 42.3 34.7 35.1 49.8 57.8	1132.1 1133.7 1141.3 1140.9 1126.2 1118.2	3230	01S/04W-08R05 S	1076.0	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	35.5 24.5 24.5 34.5 34.5 61.5 61.5 60.5 66.5 54.5	1040.5 1051.5 1051.5 1041.5 1041.5 1014.5 1014.5 1015.5 1009.5 1021.5	4201
01S/04W-05E05 S	1170.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/25/85 07/01/85 08/01/85 09/03/85	33.3 49.1(1) 26.0 25.1 26.4 26.9 48.8(1) 33.2 41.4 43.0 42.8 45.0 48.0	1136.7 1120.9 1144.0 1144.9 1143.6 1143.1 1121.2 1136.8 1128.6 1127.0 1127.2 1125.0 1122.0	4124	01S/04W-09R01 S	1069.5	10/15/84 12/24/84 03/02/85 04/24/85 06/27/85 08/31/85	11.9 6.1 8.9 10.1 13.9 16.5	1057.6 1063.4 1060.6 1059.4 1059.6 1053.0	3230
01S/04W-06H01 S	1160.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 06/25/85 07/01/85 08/01/85 09/03/85	32.4 30.6 28.7 28.1 28.7 28.5 34.2 40.9 46.6 43.0 47.0 46.0 48.2	1127.6 1129.4 1131.3 1131.9 1131.3 1131.5 1125.8 1119.1 1113.4 1117.0 1113.0 1114.0 1111.8	4124	01S/04W-09R03 S	1071.6	10/15/84 12/21/84 03/02/85 04/23/85 06/27/85 09/02/85	19.2 16.1 17.1 17.5 21.1 27.7	1052.4 1055.5 1054.5 1054.1 1050.5 1043.9	3230
01S/04W-08A01 S	1093.9	04/22/85 06/27/85 08/26/85	24.3 NM-2 NM-2	1069.6	3230	01S/04W-09J01 S		10/24/84 11/19/84 12/17/84 01/25/85 02/19/85 03/22/85 04/26/85 05/27/85	FLOW FLOW FLOW FLOW FLOW FLOW FLOW FLOW		3230
01S/04W-08C01 S	1104.1	11/16/84 12/19/84 02/20/85 03/19/85 04/17/85 05/16/85 06/17/85 07/01/85 08/01/85 09/20/85	7.5 5.5 5.5 8.9 13.5 19.5 25.5 62.5 64.5 40.5	1096.6 1098.6 1098.6 1095.8 1090.6 1084.6 1078.6 1041.6 1039.6 1063.6	4201	01S/04W-09N06 S	1040.2	10/15/84 12/17/84 02/28/85	26.4 14.1 24.0	1033.8 1046.1 1036.2	3230

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS														
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY			
Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER NA BUNKER HILL HSA					Y Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER NA BUNKER HILL HSA							
015/04W-09N06 S	1060.2	04/22/85	21.0	1039.2	3230	015/04W-13602 S	1069.0	11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/27/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 05/30/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	90.1(1) 93.1(1) 92.5(1) 94.3(1) 23.7 17.5 16.7 15.4 15.3 15.3 16.1 14.6 15.4 76.7(1) 80.4(1) 77.4(1) 82.5(1) 83.4(1) 77.7(1) 83.7(1) 86.6(1) 88.3(1) 87.6(1) 90.7(1) 99.2(1) 100.7(1) 101.3(1) 44.7 114.1(1) 122.2(1) 117.0(1) 124.7(1) 123.7(1) 49.7 127.2(1) 128.7(1) 129.1(1) 123.5(1) 129.3(1) 119.3(1) 126.3(1)	974.9 971.9 972.5 970.7 1041.3 1047.5 1048.3 1049.6 1049.5 1049.7 1048.9 1050.4 1049.6 988.3 984.6 987.6 982.5 981.6 987.3 979.3 978.4 976.7 977.4 974.3 963.8 964.3 963.7 1020.3 930.9 942.8 948.0 940.3 941.3 1015.3 937.8 936.3 935.9 939.5 935.5 945.5 938.7	3847			
015/04W-09P01 S	1032.4	10/15/84 11/19/84 02/28/85 03/22/85 04/26/85 05/27/85 06/20/85 08/01/85 08/28/85 09/20/85	20.4 18.6 15.3 15.0 16.7 21.0 23.0 24.2 26.6 27.2	1032.0 1033.8 1037.1 1036.6 1035.7 1031.4 1029.4 1028.2 1025.8 1023.2	3230									
015/04W-10F01 S	1028.0	10/23/84 11/19/84 12/17/84 02/28/85 04/24/85 06/27/85 08/31/85	2.3 FLOW FLOW FLOW FLOW 2.0 4.6	1027.5 1026.0 1023.4	3230									
015/04W-10N06 S	1001.4	10/15/84 11/19/84 12/17/84 03/22/85 04/26/85 05/27/85 06/19/85 08/01/85 08/23/85 08/28/85 09/20/85	13.2 6.1 FLOW FLOW FLOW 4.5 5.8 4.8 17.0 7.2	988.2 993.3 996.9 995.6 996.6 984.4 994.2	3230									
015/04W-11001 S		12/20/84	FLOW		3208									
015/04W-11004 S		12/20/84	FLOW		3208									
015/04W-11M01 S		10/15/84 11/19/84 12/17/84 01/26/85 02/28/85 04/26/85 05/28/85 06/19/85 08/21/85	FLOW FLOW FLOW FLOW FLOW 9 11.6 15.9 13.0	1030.9 1040.2 1035.9 1036.8	3230	015/04W-13603 S	1065.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/13/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	137.7(1) 132.9(1) 133.0(1) 130.9(1) 130.7(1) 132.9(1) 133.8(1) 127.9(1) 126.1(1) 121.2(1) 122.1(1) 130.9(1) 3.6 7 2.6 3.0 0 2.3 6.5 4.1 5.3 16.8 7.3 8.1 8.5 9.8 143.2(1) 147.0(1) 130.6(1) 139.6(1) 149.8(1) 134.7(1) 48.2(1) 151.2(1) 154.3(1) 156.2(1) 184.4(1) 175.5(1) 179.1(1) 184.1(1) 169.7(1) 52.3 43.1 38.8 167.4(1) 164.1(1) 163.8(1) 160.9(1) 160.0(1)	927.3 932.1 932.0 934.1 934.3 932.1 931.2 937.1 938.9 943.8 942.9 934.1 1061.4 1064.3 1062.4 1062.0 1065.0 1062.7 1058.5 1060.9 1059.7 1048.2 1057.5 1056.9 1056.5 1055.2 921.8 918.0 914.4 923.4 915.2 910.3 1016.8 913.8 910.7 908.8 880.6 889.5 885.9 880.9 895.3 1012.5 1021.9 1026.2 897.6 900.9 901.2 904.1 905.0	3847			
015/04W-12806 S	1089.3	06/28/85 07/31/85 08/27/85 09/24/85	23.1 41.7(1) 42.1(1) 40.5(1)	1064.2 1047.6 1047.2 1048.8	4104									
015/04W-13F02 S	1034.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/13/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	35.6 37.7 66.5(1) 66.4(1) 34.4 38.3 39.2 29.5 27.3 52.3(1) 26.5 27.6 19.1 14.6 13.1 11.1 11.6 11.5 12.5 10.6 11.8 49.1(1) 29.7 30.3 37.6(1) 28.4 31.2 33.1 62.0(1) 58.5(1) 61.2(1) 38.2 68.3(1) 42.5 71.2(1) 76.4(1) 74.3(1) 76.3(1) 77.2(1) 71.1(1) 77.2(1) 79.2(1) 78.1(1) 79.7(1) 80.6(1) 78.6(1) 77.4(1) 75.5(1)	1018.4 1016.3 987.5 987.6 1019.6 1015.7 1014.8 1024.5 1026.7 1001.7 1027.3 1026.4 1034.9 1039.4 1040.9 1042.9 1042.4 1042.5 1041.5 1043.2 1042.2 1004.9 1024.3 1023.5 996.4 1025.6 1022.8 1020.9 992.0 995.5 992.8 1015.8 985.7 1011.5 982.8 977.6 979.3 977.7 976.8 982.9 976.8 974.8 975.9 974.3 973.4 975.4 976.6 978.5	3847									
015/04W-13L02 S		07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	44.8 45.5 95.6(1) 94.6(1) 85.5(1) 47.6 94.6(1) 92.3(1) 92.3(1) 92.6(1) 92.6(1) 92.6(1) 93.9(1)	1005.2 1004.5 954.4 955.4 964.5 1002.4 953.4 957.5 957.5 956.0 956.4 959.3 957.4 956.1	3847	015/04W-13M02 S	1054.0	10/02/84 10/09/84 10/16/84	66.2(1) 71.4(1) 28.3	987.8 982.6 1023.7	3847			
015/04W-13602 S	1065.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84	81.5(1) 92.3(1) 99.2(1) 97.3(1) 92.5(1) 102.3(1) 105.2(1) 85.3(1)	983.5 972.7 965.8 967.7 972.5 962.7 959.8 979.7	3847									

TABLE 0 (CONTINUED)

### GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY																									
Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA	NO				Y Y-01 Y-01.E Y-01.E2	SANTA ANA RIVER UPPER SANTA ANA BUNKER HILL HSA	NO																												
015/04W-13M02 S	1034.0	10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	20.2 56.2(1) 32.3 63.2(1) 14.3 9.2 8.1 49.4(1) 12.4 5.8 3.3 1.4 .8 3.5 4.0 6.7 1.5 6.8 57.0(1) 32.3(1) 20.4 19.2 20.6(1) 54.0(1) 47.0(1) 39.2 04/23/85 74.2(1) 78.0(1) 48.4 42.0 85.2(1) 90.2(1) 57.1 38.2 90.3(1) 84.0(1) 58.5 90.1(1) 86.0(1) 91.5(1) 58.4 38.4 34.5 53.5	1033.8 997.8 1021.7 988.8 1039.7 1044.8 1045.9 1004.6 1041.6 1046.2 1050.7 1052.6 1053.2 1050.5 1050.0 1047.3 1052.5 1047.2 997.0 1001.7 1033.6 1034.8 1033.4 1000.0 987.0 1014.8 1025.7 979.8 976.0 1005.6 1012.0 968.8 963.8 996.9 995.8 963.7 970.0 997.5 963.9 988.0 982.5 997.6 998.6 999.5 1000.5	3847	015/04W-13M02 S	1048.8	01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 06/04/85 06/11/85 06/18/85 06/25/85 07/02/85 07/09/85 07/16/85 07/23/85 07/30/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	13.6 12.4 8.2 9.7 9.7 10.9 9.2 10.2 87.5(1) 93.6(1) 83.3(1) 88.6(1) 90.3(1) 77.4(1) 88.3(1) 101.6(1) 95.6(1) 97.4(1) 103.3(1) 105.6(1) 115.3(1) 138.3(1) 95.3 177.4(1) 162.5(1) 163.3(1) 166.7(1) 48.2 53.4 155.8(1) 158.3(1) 163.6(1) 153.7(1) 160.7(1) 160.8(1) 151.7(1)	1035.2 1036.4 1040.6 1039.1 1039.1 1037.9 1039.6 1036.8 961.3 953.2 965.3 980.2 958.5 971.4 980.5 947.2 953.2 951.4 945.9 943.2 953.5 921.3 1001.5 891.4 886.3 885.5 882.1 1000.6 995.4 893.2 890.5 889.2 895.1 888.1 888.2 897.1	3847	015/04W-13P03 S	1067.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/09/85 01/16/85 01/23/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 06/04/85 06/11/85 06/18/85 06/25/85 07/02/85 07/09/85 07/16/85 07/23/85 07/30/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	47.0 53.9 42.8 32.9 39.8 43.8 51.7 29.0 21.6 22.7 25.9 26.9 18.7 14.8 14.9 14.5 16.0 16.6 18.7 18.1 17.5 37.5 30.8 32.7 30.8 32.0 40.5 48.5 50.8 41.9 58.7 57.5 82.8 55.5 61.6 69.7(1) 71.4 73.8 73.7 86.5 67.0 68.2 68.5 68.5 68.8 65.7 67.9 66.8(1)	1020.0 1013.1 1024.2 1034.1 1027.2 1021.2 1015.3 1038.0 1045.4 1044.3 1041.1 1040.1 1046.3 1052.2 1052.1 1052.5 1051.0 1050.4 1048.3 1048.9 1049.5 1039.5 1038.2 1039.3 1036.2 1033.0 1028.5 1018.5 1016.2 1025.1 1008.3 1009.3 1004.2 1011.5 1005.4 997.3 995.6 993.2 993.3 1000.3 1000.0 999.8 1002.5 999.2 998.2 1001.3 999.1 1000.2	3847	015/04W-13H01 S	1046.3	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/09/85 01/16/85 01/23/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 06/04/85 06/11/85 06/18/85 06/25/85 07/02/85 07/09/85 07/16/85 07/23/85 07/30/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	77.4(1) 80.3(1) 79.1(1) 76.1(1) 71.8(1) 80.2(1) 82.0(1) 31.0 28.6 29.0 29.0 24.0 19.1 13.1 12.8 9.9 10.1 9.8 11.3 4.9 10.4 66.2(1) 69.9(1) 36.0 71.0(1) 69.0(1) 69.2(1) 69.2(1) 78.0(1) 70.0(1) 71.0(1) 74.2(1) 78.0(1) 43.1 78.2(1) 78.2(1) 89.1(1) 92.0(1) 91.0(1) 93.1(1) 84.2(1) 94.1(1) 91.0(1) 93.2(1) 93.8(1) 90.0(1) 89.0(1) 90.0(1) 87.0(1)	988.9 966.0 967.2 970.2 974.5 966.1 964.3 1013.3 1017.7 1017.3 1017.3 1018.3 1027.2 1033.2 1033.5 1036.4 1036.2 1036.5 1035.0 1041.8 1035.9 980.1 976.4 1010.3 975.3 977.3 977.1 977.1 968.3 976.3 975.3 972.1 970.3 1003.2 988.1 967.1 957.2 954.3 955.3 933.2 982.1 952.2 955.3 933.1 952.5 956.3 957.3 956.3 959.3	3847	015/04W-14H03 S	1053.0	10/01/84 11/01/84 12/03/84 01/12/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/01/85	41.9 37.6 32.5 17.9 16.3 34.2 33.2 41.7 47.9 51.1 51.6 56.2	1011.1 1015.4 1020.5 1035.1 1036.7 1018.8 1019.6 1011.3 1005.1 1001.9 1001.4 996.8	9263	015/04W-14H09 S	1020.0	12/22/84	1.5	1018.5	5208	
015/04W-14P02 S	1026.0	12/19/84	.8	1025.2	5208	015/04W-14P06 S	1027.1	06/03/85 07/31/85 08/01/85	54.8 56.8 56.8	972.3 970.3 970.3	*208																									
015/04W-13H02 S	1048.8	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84	89.7(1) 94.6(1) 102.5(1) 104.2(1) 101.4(1) 95.7(1) 99.4(1) 86.5(1) 73.4(1) 79.3(1) 97.6(1) 100.5(1) 18.3	959.1 954.2 946.3 944.6 947.4 953.1 949.4 962.3 975.4 969.5 951.2 948.3 1030.5	3847	015/04W-14H09 S	1020.0	12/22/84	1.5	1018.5	5208																									
015/04W-14P05 S	1027.1	06/03/85 07/31/85 08/01/85	54.8 56.8 56.8	972.3 970.3 970.3	*208	015/04W-15F05 S	1019/84 12/17/84	FLOW FLOW		3230																										

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA					Y-01 Y-01.E Y-01.E2	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER HA BUNKER HILL HSA				
01S/04W-19F05 S		02/28/85 04/23/85 06/27/85 08/28/85	FLOW FLOW FLOW NM-9		3230	01S/04W-23A02 S	1045.0	01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/01/85 05/07/85 05/14/85 05/19/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/21/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	17.2 15.7 15.2 15.3 15.1 16.7 15.0 16.6 33.2 57.4(1) 57.2(1) 39.6 34.4 54.0(1) 55.0(1) 60.4(1) 61.4(1) 43.0 45.0 65.0(1) 64.2(1) 69.0(1) 53.1 74.1(1) 73.4(1) 74.0 81.1(1) 55.0 78.1(1) 78.4(1) 80.0(1) 59.2 59.3 76.4(1) 76.4(1) 77.3(1)	1027.8 1029.3 1029.8 1029.7 1029.9 1028.3 1030.0 1028.4 1011.8 987.6 987.8 1005.4 1010.6 991.0 990.0 984.6 983.6 1002.0 1000.0 980.0 980.8 976.0 991.9 970.9 971.6 971.0 963.9 990.0 966.9 966.6 965.0 985.8 985.7 968.6 968.6 967.7	3847
01S/04W-19L03 S		12/05/84 04/07/85	FLOW FLOW		5717						
01S/04W-19M02 S	984.6	10/17/84 12/05/84 12/17/84 02/25/85 04/23/85 04/25/85 06/25/85 08/27/85	8.3 7.1 6.4 7.6 7.1 7.3 9.2 NM-2	976.3 977.5 978.2 977.0 977.5 977.3 975.4	3230 5717 3230 3230						
01S/04W-19M05 S	980.0	12/05/84 04/23/85	9.5 21.8	970.5 958.2	5717						
01S/04W-16J09 S	979.0	12/05/84 04/23/85	1.5 1.8	977.5 977.2	5717						
01S/04W-21805 S		12/14/84	NM-9		5208						
01S/04W-22R01 S	1000.0	06/03/85 07/01/85 08/01/85 09/03/85	22.7 17.9 17.9 23.5	977.3 982.1 982.1 976.5	5208						
01S/04W-22802 S	996.0	12/20/84	8.8	987.2	5208						
01S/04W-22803 S	999.0	10/17/84 11/19/84 12/17/84 02/28/85 04/24/85 06/27/85 08/27/85	7.9 FLOW FLOW FLOW 6.2 21.0 26.5	991.1 992.8 970.0 972.5	3230	01S/04W-23A05 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85 01/29/85 02/05/85 02/12/85 02/19/85 02/26/85 03/05/85 03/12/85 03/19/85 03/26/85 04/02/85 04/09/85 04/16/85 04/23/85 04/30/85 05/07/85 05/14/85 05/21/85 05/28/85 07/02/85 07/09/85 07/16/85 07/24/85 07/31/85 08/06/85 08/13/85 08/20/85 08/27/85 09/03/85 09/10/85 09/17/85 09/24/85	38.9 92.0(1) 30.1 19.8 26.9 83.8(1) 85.9(1) 16.7 11.0 10.8 15.9 18.8 8.6 3.1 4.2 3.7 6.2 6.1 10.2 1.3 9.3 72.8(1) 22.8 25.9 68.9(1) 30.2 73.8(1) 85.8(1) 93.9(1) 36.8 54.5 55.7 99.7(1) 54.7 62.8 83.9 68.8 71.7 60.9 58.7 63.8 66.8 60.8 68.1 118.9(1) 104.0(1) 106.1(1) 106.9(1)	1005.1 932.0 1013.9 1024.2 1017.1 960.2 958.1 1027.3 1033.0 1033.2 1028.1 1025.2 1035.4 1040.9 1039.8 1040.3 1037.8 1037.9 1033.8 1042.7 1034.7 971.2 1021.2 1018.1 975.1 1013.8 970.2 958.2 950.1 1007.2 989.5 988.3 944.3 989.3 981.2 980.1 975.2 972.5 985.1 985.3 978.2 977.2 985.2 975.9 923.1 940.0 937.9 937.1	3847
01S/04W-22805 S	996.0	06/03/85 07/01/85 08/01/85 09/03/85	20.8 21.4 21.4 26.0	975.2 974.6 974.6 970.0	5208						
01S/04W-22C02 S	986.5	12/17/84 03/01/85 /22/85	7.8 6.2 7.5	980.7 982.5 981.0	3230						
01S/04W-22E05 S	974.9	12/13/84	2.4	972.5	5208						
01S/04W-22G14 S	994.0	06/03/85	23.5	970.5	5208						
01S/04W-22G16 S	994.0	06/03/85	23.9	970.1	5208						
01S/04W-22G17 S	994.0	06/03/85	24.4	969.6	5208						
01S/04W-22G18 S	995.0	06/03/85	24.6	970.4	5208						
01S/04W-22G19 S	995.0	06/03/85 07/01/85 08/01/85 09/03/85	23.4 24.1 24.1 29.8	971.6 970.9 970.9 965.2	5208						
01S/04W-22L05 S	983.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85	-1.2 FLOW FLOW FLOW FLOW FLOW	984.2 5783							
01S/04W-22L08 S	980.2	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85 07/10/85 08/22/85	8.8 1.1 -2.2 FLOW FLOW FLOW 29.8(1) 24.8	971.4 979.1 982.4 950.4 955.4	5783						
01S/04W-22L09 S	986.0	10/09/84 11/06/84 12/03/84 02/13/85 03/12/85 04/09/85	32.8(1) FLOW FLOW FLOW FLOW FLOW	953.2 5783							
01S/04W-22L12 S		12/13/84	FLOW		5208	01S/04W-23C02 S	1025.0	07/01/85 08/01/85	55.4 55.4	969.6 969.6	5208
01S/04W-22L15 S	980.0	12/13/84	4.3	975.7	5208	01S/04W-23G01 S	1044.7	12/24/84 05/07/85	12.5 69.2	1032.2 975.5	3847
01S/04W-22H02 S		12/22/84	FLOW		5208	01S/04W-23G03 S	1044.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84 01/02/85 01/08/85 01/15/85 01/22/85	111.8(1) 107.9(1) 32.6 22.8 29.7 105.8(1) 111.6(1) 76.9(1) 77.8(1) 66.8(1) 85.8(1) 90.7(1) 11.5 6.8 6.6 7.0 8.7	932.2 936.1 1011.4 1021.2 1014.3 938.2 932.4 967.1 966.2 977.2 958.2 953.5 1032.5 1037.2 1037.4 1037.0 1035.3	3847
01S/04W-23A01 S	1041.2	12/24/84 05/07/85	9.2 62.2	1032.0 979.0	3847						
01S/04W-23A02 S	1045.0	10/02/84 10/09/84 10/16/84 10/23/84 10/30/84 11/06/84 11/13/84 11/20/84 11/27/84 12/04/84 12/11/84 12/18/84 12/24/84	47.3 64.4(1) 63.2(1) 42.2 39.9 63.2(1) 65.2(1) 51.3(1) 33.3 33.2 35.2 34.2 23.9	997.7 980.6 981.8 1002.8 1005.5 981.8 979.8 993.7 1011.7 1011.8 1009.8 1010.8 1021.1	3847						

GROUND WATER LEVELS AT WELLS

144

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.E Y-01.E3	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER H4 REDLANDS H5A					Y Y-01 Y-01.E Y-01.E5	SANTA ANA HB SANTA ANA RIVER HU UPPER SANTA ANA RIVER H4 RESERVOIR H5A				
015/03W-24C01 S	1519.7	03/19/85 05/09/85 08/19/85	180.9 194.5 199.0	1338.8 1325.2 1320.7	3400	015/03W-35607 S	1565.5	04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	45.3 46.3 53.7 123.8(1) 117.0(1) 113.1(1)	1520.2 1519.2 1511.8 1441.7 1448.5 1452.4	3206
015/03W-26C01 S	1440.0	10/08/84 11/09/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/01/85 07/01/85 08/01/85 09/01/85	141.8 143.7 143.0 145.3 141.7 145.0 146.0 147.0 151.0 151.3 154.0 155.0	1298.2 1296.3 1297.0 1294.7 1298.3 1295.0 1294.0 1293.0 1289.0 1288.7 1286.0 1285.0	5206	015/03W-35608 S	1565.8	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	50.5 46.7 45.6 45.0 40.3 46.3 47.5 48.8 76.7 90.9(1) 88.5(1) 97.2(1)	1513.3 1519.1 1520.2 1520.8 1525.5 1519.5 1518.3 1517.0 1489.1 1474.9 1477.5 1468.6	3206
015/03W-32J02 S	1368.6	10/08/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	218.2(1) 174.2 191.5 145.2 144.8 168.5 169.2 214.2(1) 161.6 220.7(1) 226.2(1) 221.2(1)	1150.4 1194.4 1217.1 1225.4 1223.8 1200.1 1199.4 1154.4 1207.0 1147.9 1142.4 1147.4	5206	015/03W-35609 S	1576.7	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	79.5 71.5 70.5 69.8 69.0 70.3 71.6 72.8 104.2 88.8 88.5 98.2	1497.2 1503.2 1506.2 1506.9 1507.7 1506.2 1503.1 1503.9 1472.5 1487.9 1480.2 1478.5	3206
Y-01.E4	MENTONE H5A										
015/02W-18P01 S	1762.6	10/29/84 01/09/85 02/13/85 03/21/85 05/10/85 08/19/85	NM-1 184.3 186.0 189.4 191.8 NM-1	1578.3 1576.6 1573.2 1570.8	3400	015/03W-35611 S	1560.0	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	35.3 29.4 28.3 27.8(1) 27.6 29.0 30.3 31.5 38.2 41.3 43.5 51.3	1524.7 1530.6 1531.7 1532.2 1532.4 1531.0 1529.7 1528.5 1521.8 1518.7 1516.9 1508.5	3206
015/02W-19G01 S	1688.6	10/29/84	126.0	1362.6	3400						
015/02W-19K01 S	1723.9	10/04/84 11/07/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	134.9 133.4 130.9 130.4 130.0 139.2 138.6 138.9 136.9 139.2 138.3 185.1(1)	1589.0 1590.5 1593.0 1593.5 1593.1 1585.3 1585.0 1584.7 1585.4 1584.5 1553.3 1538.8	5206	015/03W-35H02 S	1568.0	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	53.9 45.9 44.9 44.2 43.7 45.7 46.9 48.1 52.9 62.4 64.8 85.2	1514.1 1522.1 1523.1 1523.8 1524.3 1522.3 1521.1 1519.9 1515.1 1505.6 1503.4 1482.8	5206
015/02W-20R01 S	1880.0	10/04/84 10/29/84 11/08/84 12/04/84 01/02/85 01/09/85 02/01/85 02/13/85 03/01/85 03/07/85 03/19/85 04/01/85 05/01/85 05/09/85 06/03/85 07/01/85 08/01/85 08/19/85 09/03/85	136.0 140.9 141.5 143.5 144.5 143.3 128.4 111.8 69.5 67.4 63.2 73.8 78.0 78.8 29.1 103.2 113.8 117.2 57.4	1742.0 1739.1 1738.5 1736.5 1735.5 1736.7 1731.6 1768.2 1810.5 1812.6 1816.8 1806.2 1802.0 1801.2 1850.9 1776.8 1766.2 1762.8 1822.6	5206 3400 5206 5206 3400 3400 5206 3400 5206 3400 5206 3400 5206 3400 5206 3400 3400 3400 5206	015/03W-35H03 S	1571.1	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	37.7 51.1 49.9 49.6 48.9 49.7 49.4 49.4 43.0 63.3 63.2 103.9(1)	1513.4 1520.0 1521.2 1521.5 1522.2 1521.4 1521.7 1521.7 1508.1 1507.8 1505.9 1467.2	3206
015/02W-21001 S	1965.0	10/04/84 10/29/84 11/08/84 12/04/84 01/02/85 01/09/85 02/01/85 02/13/85 03/01/85 03/07/85 03/19/85 04/01/85 05/01/85 05/09/85 06/03/85 07/01/85 08/01/85 08/19/85 09/03/85	58.5 59.2 59.5 58.3 33.0 36.9 22.3 19.9 19.1 18.0 23.0 28.5 29.3 49.9 49.4 46.0 54.7 57.8	1906.5 1905.8 1905.5 1906.7 1932.0 1928.1 1942.7 1945.1 1945.9 1947.0 1942.0 1936.5 1939.7 1915.1 1915.6 1910.9 1910.3 1907.2	5206 3400 5206 5206 3400 3400 5206 3400 5206 5206 5206 3400 3400 3400 3400 3400 3400 3400 5206	015/03W-35H04 S	1585.3	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	65.0 60.3 59.0 58.8 58.1 59.3 60.3 61.3 64.1 70.0 72.0 87.9	1520.3 1525.0 1526.3 1526.5 1527.2 1526.0 1525.0 1524.0 1521.2 1515.3 1513.3 1497.4	5206
Y-01.E5	RESERVOIR H5A					Y-01.E6	CRAFTON H5A				
015/02W-29M01 S	1851.8	10/29/84 03/19/85	216.7 204.2	1635.1 1647.6	3400	025/03W-01001 S	1789.6	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	218.6(1) 191.8 187.1 183.4 180.1 177.8 175.6 197.6(1) 200.6 189.1(1) 211.8(1) 214.6(1)	1571.0 1597.8 1602.5 1606.2 1609.5 1611.8 1614.0 1592.0 1589.0 1600.5 1578.0 1575.0	5206
015/03W-35607 S	1565.5	10/03/84 11/07/84 12/03/84 01/02/85 02/01/85 03/01/85	69.0(1) 44.8 43.8 43.3 42.5 44.5	1496.5 1520.7 1521.7 1522.2 1523.0 1521.0	5206	Y-01.E7	SANTA ANA CANYON H5A				
						015/02W-13401 S	2970.0	10/04/84 11/07/84 12/04/84 01/02/85 02/01/85 03/01/85 04/01/85	12.0 12.8 12.0 12.8 12.5 12.4 12.5	2958.0 2957.2 2958.0 2957.2 2957.5 2957.6 2957.3	5206

GROUND WATER LEVELS AT WELLS

146

GROUND WATER LEVELS AT WELLS

147

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Y Y-01 Y-01.F Y-01.F4	SANTA ANA HR SANTA ANA RIVER HU SAN TIMOTEO HA CHICKEN HILL HSA					Y Y-01 Y-01.F Y-01.F8	SANTA ANA HR SANTA ANA RIVER HU SAN TIMOTEO HA OAK GLENN HSA				
02S/02W-02N01 S	2330.0	10/30/84 11/29/84 01/15/85 02/12/85 03/22/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	198.0 204.0 203.0 203.0 203.0 200.0 200.0 199.0 197.0 196.0	2132.0 2126.0 2127.0 2127.0 2127.0 2130.0 2130.0 2131.0 2133.0 2134.0	5419	01S/02W-36N01 S	2559.0	02/27/85 03/22/85 04/16/85 05/22/85 06/25/85 07/25/85 08/30/85	167.0(5) 165.0(5) 165.0(5) 164.0(5) 169.0 190.0(1) 188.0(1)	2392.0 2394.0 2394.0 2395.0 2390.0 2369.0 2371.0	5419
02S/02W-03L01 S	2171.9	10/05/84 11/08/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	201.5 217.5(1) 152.0 142.9 137.0 132.4 127.8 186.4 203.5(1) 200.3(1) 185.9(1)	1970.0 1954.0 2019.5 2028.6 2034.5 2039.1 2043.7 1989.3 1968.0 1971.2 1985.6	5206	01S/02W-36R01 S	2710.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	265.0 265.0 273.0 272.0 271.0 275.0 270.0 271.0 272.0 274.0	2445.0 2445.0 2437.0 2438.0 2439.0 2439.0 2440.0 2439.0 2438.0 2436.0	5419
02S/02W-10C01 S	2240.0	01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	162.0 155.8 150.0 152.3 142.3 172.3 198.0(1) 199.5(1) 196.9(1)	2078.0 2084.2 2090.0 2087.7 2097.7 2067.7 2042.0 2040.5 2043.1	5206	02S/02W-01F01 S	2560.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/16/85 05/22/85 06/26/85 07/25/85 08/30/85	195.0 198.0 202.0 202.0 202.0 202.0 200.0 NM-9 195.0 195.0 194.0	2365.0 2362.0 2358.0 2358.0 2358.0 2358.0 2360.0 NM-9 2365.0 2365.0 2366.0	5419
02S/02W-11D01 S	2320.0	06/25/85 07/25/85 08/30/85	187.0 157.0 157.0	2163.0 2163.0 2163.0	5419	Y-01.F7 SOUTH MESA HSA					
02S/02W-11D02 S	2320.0	10/30/84 11/30/84 12/18/84 01/19/85 02/12/85 03/29/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	198.0 158.0 157.0 161.0 160.0 162.0 158.0 157.0 157.0 157.0 157.0	2162.0 2162.0 2163.0 2159.0 2160.0 2158.0 2162.0 2163.0 2163.0 2163.0 2163.0	5419	01S/01W-32A01 S	3338.0	10/30/84 11/29/84 12/18/84 03/15/85 02/12/85 03/21/85 04/16/85 05/22/85 06/26/85 07/25/85 08/30/85	36.0 22.0 23.0 31.0 35.0(1) 47.0(1) 34.0(5) 34.0(5) 30.0 33.0 48.0	3302.0 3314.0 3315.0 3307.0 3303.0 3291.0 3304.0 3304.0 3308.0 3309.0 3290.0	5419
Y-01.F5 GATEWAY HSA						01S/01W-32C01 S	3175.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	35.0(1) 35.0(1) 33.0(1) 34.0(1) 31.0(1) 38.0(1) 37.0(1) 40.0 42.0(1) 39.0(1) 44.0(1)	3140.0 3140.0 3142.0 3141.0 3144.0 3140.0 3138.0 3135.0 3133.0 3136.0 3131.0	5419
01S/01W-30E01 S	2818.9	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	280.0(1) 259.0 257.0 292.0(4) 264.0 263.0 262.0 284.0(1) 284.0(1) 288.0(1) 272.0	2536.9 2557.9 2559.9 2534.9 2532.9 2533.9 2554.9 2532.9 2532.9 2528.9 2544.9	5419	02S/01W-08E02 S	2860.0	10/30/84 11/29/84 12/28/84 01/15/85 02/12/85 03/20/85	48.0 43.0 43.0 40.0 38.0 36.0	2812.0 2817.0 2819.0 2820.0 2822.0 2824.0	5419
01S/01W-30G01 S	2933.0	10/31/84 11/29/84 12/19/84 01/15/85 02/12/85 03/05/85 04/16/85 05/16/85 06/26/85 07/25/85 08/30/85	229.0 226.0 226.0 229.0 229.0 229.0 407.0(5) 254.0(3) 252.0(1) 256.0(1) 224.0	2704.0 2707.0 2707.0 2704.0 2704.0 2704.0 2528.0 2679.0 2681.0 2677.0 2709.0	5419	02S/02W-11A01 S	2440.0	10/30/84 11/29/84 12/19/84 01/15/85 02/12/85 03/05/85 04/16/85 05/16/85 06/25/85 07/25/85 08/30/85	249.0 247.0 247.0 251.0 250.0 247.0 252.0(5) 289.0(5) 291.0(1) 291.0(1) 303.0(1)	2191.0 2193.0 2193.0 2199.0 2190.0 2193.0 2188.0 2181.0 2148.0 2148.0 2139.0	5419
01S/02W-25K02 S	2764.0	10/30/84 11/30/84 12/28/84 01/15/85 02/12/85 04/16/85 05/21/85 07/25/85 08/30/85	210.0 NM-9 NM-9 215.0 217.0 213.0 212.0 212.0 210.0	2554.0 NM-9 NM-9 2549.0 2547.0 2551.0 2552.0 2552.0 2554.0	5419	02S/02W-11B01 S	2415.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/22/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	244.0 242.0 240.0 247.0 243.0 243.0 244.0 255.0 248.0 276.0(1) 280.0(1)	2171.0 2173.0 2175.0 2168.0 2172.0 2171.0 2160.0 2167.0 2139.0 2139.0 2139.0	5419
01S/02W-25M02 S	2610.0	10/31/84 11/29/84 12/19/84 01/15/85 02/12/85 03/29/85 04/17/85 05/21/85 06/26/85 07/25/85 08/30/85	297.0(1) 195.0 197.0 185.0 380.0 173.0 173.0 260.0 264.0(1) 280.0(1) 280.0(1)	2553.0 2415.0 2413.0 2425.0 2430.0 2437.0 2439.0 2350.0 2346.0 2350.0 2330.0	5419	02S/02W-11R02 S	2380.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/20/85 04/16/85 05/21/85 06/25/85 07/25/85 08/30/85	298.0(1) 229.0 294.0(1) 294.0(1) 221.0 297.0(1) 304.0(1) 290.0 302.0(1) 286.0(1) 280.0(1)	2082.0 2351.0 2085.0 2098.0 2158.0 2083.0 2076.0 2090.0 2074.0 2094.0 2100.0	5419
Y-01.F6 OAK GLENN HSA						01S/02W-36F01 S	2605.0	02/12/85 03/27/85 06/26/85 07/24/85 08/30/85	174.0 163.0 176.0 257.0(1) 207.0(1)	2431.0 2442.0 2429.0 2348.0 2398.0	5419
01S/02W-36N01 S	2559.0	10/31/84 11/30/84 12/28/84 01/15/85	170.0(5) 170.5(5) 168.0(5) 168.0(5)	2389.0 2388.5 2391.0 2391.0	5419	02S/02W-12M01 S	2471.3	12/19/84 06/25/85 08/14/85	266.0 279.0 269.0	2185.3 2192.3 2202.3	6224
						02S/02W-14R01 S	2405.0	12/19/84 06/25/85 08/14/85	246.0 242.0 233.0	2159.0 2163.0 2172.0	6224

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	
Y-01 Y-01.F Y-01.F7	SANTA ANA RIVER SANTA ANA RIVER SOUTH MESA HSA	HU				Y-01 Y-01.F Y-01.F9	SANTA ANA RIVER SANTA ANA RIVER NORIE CREEK HSA	HU				
025/02W-14C01 S	2392.7	06/25/85 08/14/85	265.0(5) 266.0(1)	2127.7 2126.7	6224	025/01W-23001 S	3200.0	05/12/85 05/18/85 05/26/85 06/02/85 06/09/85 06/16/85 06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/26/85 07/28/85 09/09/85 09/23/85 09/28/85	77.0(1) 67.0(1) 65.0(1) 75.0(1) 79.0(1) 80.0(1) 79.0(1) 80.0(1) 79.0(1) 79.0(1) 79.0(1) 61.0 85.0(1) 84.0(1) 86.0(1) 84.0(1)	3123.0 3133.0 3133.0 3125.0 3121.0 3120.0 3121.0 3120.0 3121.0 3121.0 3121.0 3139.0 3115.0 3116.0 3114.0 3116.0	3407	
025/02W-14001 S	2358.0	12/19/84 06/25/85 08/14/85	214.0 242.0(1) 251.0(1)	2144.0 2116.0 2107.0	6224							
025/02W-14R01 S	2360.0	12/19/84 06/25/85 08/14/85	114.0 112.0 112.0	2246.0 2246.0 2246.0	6224							
Y-01.F8	TRIPLE FALLS CREEK HSA											
015/01W-27L01 S	3850.0	10/30/84 11/29/84 12/18/84 01/15/85 02/12/85 03/21/85 04/16/85 05/21/85 06/26/85 07/25/85 08/30/85	40.0(1) 40.0 38.0(1) 34.0(1) 31.0(1) 31.0(1) 31.0(1) 33.0(5) 34.0(1) 37.0(1) 41.0(1)	3810.0 3810.0 3812.0 3816.0 3819.0 3819.0 3819.0 3817.0 3816.0 3813.0 3809.0	5419							
Y-01.F9	NORIE CREEK HSA											
025/01W-02G01 S	4400.0	06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85	116.0(1) 116.0(1) 115.0(1) 115.0(1) 120.0(1) 48.0 48.0	4284.0 4284.0 4285.0 4285.0 4280.0 4352.0 4352.0	5407							
025/01W-02H01 S	4350.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85 09/28/85	98.0(1) 100.0(1) 102.0(1) 98.0(1) 100.0(1) 113.0(1) 125.0(1) 121.0(1) 120.0(1)	4252.0 4250.0 4248.0 4252.0 4250.0 4235.0 4225.0 4229.0 4230.0	5407							
025/01W-02H03 S	4350.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85	111.0(1) 111.0(1) 111.0(1) 111.0(1) 110.0(1) 111.0(1) 109.0(1)	4239.0 4239.0 4239.0 4239.0 4240.0 4239.0 4241.0	5407							
025/01W-02J01 S	4234.3	09/09/85 09/28/85	126.0(1) 124.0(1)	4108.5 4110.5	5407							
025/01W-02P01 S	4160.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85 09/28/85	90.0(1) 90.0(1) 90.0(1) 91.0(1) 91.0(1) 91.0(1) 93.0(1) 93.0(1) 93.0(1)	4070.0 4070.0 4070.0 4069.0 4069.0 4069.0 4067.0 4067.0 4067.0	5407							
025/01W-10J01 S	3660.3	06/22/85 07/06/85 07/13/85 07/20/85 07/28/85 08/04/85 09/09/85 09/15/85 09/28/85	117.0(1) 127.0(1) 142.0(1) 321.0(1) 137.0(1) 132.0(1) 143.0(1) 142.0(1) 147.0(1)	3543.3 3533.3 3518.3 3539.3 3523.3 3528.3 3515.3 3518.3 3513.3	5407							
025/01W-22H02 S	3120.0	06/22/85 06/29/85 07/06/85 07/13/85 07/20/85 07/28/85 09/09/85 09/15/85 09/28/85	122.0(1) 123.0(1) 122.0(1) 120.0(1) 44.0 126.0(1) 121.0(1) 124.0(1) 124.0(1)	2998.0 2999.0 2998.0 3000.0 3076.0 2994.0 2999.0 2996.0 2996.0	5407							
025/01W-23001 S	3200.0	10/07/84 10/14/84 10/21/84 10/28/84 11/18/84 12/16/84 01/07/85 01/13/85 01/21/85 01/27/85 02/03/85 02/10/85 02/17/85 03/03/85 03/10/85 03/17/85 03/24/85 03/31/85 04/07/85 04/14/85 04/21/85 04/28/85 05/04/85	81.0(1) 81.0(1) 77.0(1) 82.0(1) 84.0(1) 56.0 58.0 75.0(1) 54.0 34.0 70.0(1) 58.0 55.0 60.0 36.0 52.0 75.0(1) 45.0 80.0(1) 82.0(1) 66.0 78.0(1) 78.0(1)	3119.0 3119.0 3123.0 3118.0 3116.0 3144.0 3142.0 3125.0 3146.0 3146.0 3130.0 3142.0 3145.0 3140.0 3142.0 3148.0 3125.0 3155.0 3120.0 3118.0 3134.0 3122.0 3122.0	5407							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS										
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.
Y	SANTA ANA NO									
Y-02	SAN JACINTO VALLEY HU									
Y-02.B	SAN JACINTO WA									
Y-02.B1	GILMAN NOT SPRINGS HSA									
03S/01W-03K01 S	2642.8	10/14/84	399.0	2247.8	5407					
		01/13/89	392.0	2250.8						
		06/09/85	406.0	2236.8						
03S/01W-03K03 S	2633.7	10/14/84	398.4	2235.3	5407					
04S/01W-35001 S	1576.0	08/22/89	217.0(1)	1359.0	5875					
Y-02.C	ELSINORE VALLEY HA									
Y-02.C1	ELSINORE NSA									
06S/04W-22M09 S	1277.9	09/01/89	314.0	963.9	2865					
		06/03/89	322.0	955.9						
		07/01/89	329.0	948.9						
		08/01/89	329.0	948.9						
		09/03/89	334.0	943.9						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z	SAN DIEGO HB					Z	SAN DIEGO HB				
Z-01	SAN JUAN HU					Z-02	SANTA MARGARITA HU				
Z-01.4	LAGUNA HILLS HA					Z-02.C	MURRIETA HA				
Z-01.A3	ALISO HSA					Z-02.C3	FRENCH HSA				
06S/08W-26M03 S	414.0	01/23/85	17.1	396.9	5102	07S/03W-24D01 S	1145.0	08/22/85	162.0	983.0	5M75
		06/20/85	19.8	394.2							
		09/12/85	20.6	393.4							
Z-01.B	MISSION VIEJO HA										
07S/08W-36L01 S	171.3	10/11/84	43.7	127.6	5102						
		01/23/85	36.1	135.2							
		06/20/85	40.5	130.8							
		09/12/85	42.6	128.7							
08S/07W-06M03 S	110.0	01/23/85	12.4	97.6	5102						
		06/20/85	14.8	95.2							
		09/12/85	15.1	94.9							

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-03 Z-03.A Z-03.A1	SAN DIEGO NB SAN LUIS REY HU LOWER SAN LUIS HA MISSION HSA					Z Z-03 Z-03.C Z-03.C1	SAN DIEGO NB SAN LUIS REY HU WARNER VALLEY HA WARNER HSA				
11S/04W-09L01 S	64.6	10/15/84	8.8	55.8	5202	10S/02E-25E01 S	2730.0	08/15/85 09/16/85	10.3 11.5	2719.7 2718.5	4405
11S/04W-18C04 S	35.0	07/16/85 08/22/85 09/19/85	8.5 8.5 8.2	26.5 26.5 26.8	5205	10S/02E-25H01 S	2755.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	28.4 28.2 27.9 26.4 26.4 26.2 27.3 27.1 28.7 28.1 28.2	2726.6 2726.8 2727.1 2728.6 2728.6 2728.8 2727.7 2727.5 2726.3 2726.9 2726.8	4405
11S/04W-18C05 S	36.0	07/16/85 08/22/85 09/19/85	5.4 7.9 7.3	30.6 28.1 28.7	5205						
11S/04W-18C09 S	32.0	07/16/85 08/22/85 09/19/85	7.7 8.2 7.2	24.3 23.8 24.8	5205						
11S/04W-18G02 S	38.8	10/15/84 11/19/84 12/24/84 01/21/85 02/05/85 03/12/85 04/18/85 05/23/85 06/06/85 07/05/85 08/15/85 09/12/85	9.9 9.0 29.9 9.0 9.0 9.3 8.5 8.5 9.5 9.8 9.8 9.5	28.9 29.8 8.9 29.8 29.8 29.5 30.3 30.3 29.3 29.0 29.0 29.3	5202	10S/02E-26A01 S	2723.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	3.8 2.9 FLOW 5.6 15.9 15.2 2.4 7.6 9.4 8.5 10.0	2719.9 2720.8 2718.1 2707.8 2708.5 2721.3 2716.1 2714.3 2715.2 2713.7	4405
11S/04W-18L03 S	38.0	10/15/84	9.9	28.1	5202	10S/03E-16E01 S	2940.0	10/15/84 11/15/84 12/14/84 02/15/85 03/16/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	32.2 32.6 32.6 39.4 66.4(1) 36.3 35.8 36.6 38.7(4) 17.8(4) 66.4(1)	2907.8 2907.4 2907.4 2900.6 2873.6 2903.7 2904.2 2903.4 2901.3 2902.2 2873.6	4405
11S/04W-18L19 S		07/16/85	NM-4		5205						
11S/05W-13N01 S		11/19/84	NM-6		5015						
11S/05W-13P02 S		11/19/84	NM-6		5202						
11S/05W-24B01 S		11/19/84	NM-6		5202						
Z-03.C Z-03.C1	WARNER VALLEY HA WARNER HSA					10S/03E-17H01 S	2920.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	21.8 22.1 22.2 23.2 24.3 23.4 23.4 24.1 25.8 25.3 26.3	2898.2 2897.9 2897.8 2896.8 2895.7 2896.6 2896.6 2895.9 2894.2 2894.7 2893.7	4405
10S/02E-24001 S	2726.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	1.4 1.4 FLOW 5.8 16.0 17.1 18.7 20.4 22.1 17.5 23.9	2724.8 2725.8 2720.4 2710.2 2709.1 2707.5 2705.8 2704.1 2708.7 2702.3	4405	10S/03E-19N01 S	2769.9	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.7 9.1 8.8 14.4 16.9 18.0 17.5 20.3 22.3 22.2 24.4	2760.7 2760.8 2761.1 2755.5 2753.0 2751.9 2752.4 2749.6 2747.8 2747.7 2745.5	4405
10S/02E-24J01 S	2770.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	13.1 13.6 13.0 16.0 18.3 19.3 19.4 21.5 23.2 23.6 25.5	2756.9 2756.4 2757.0 2754.0 2751.7 2750.7 2750.6 2748.5 2746.8 2746.4 2744.5	4405	10S/03E-19P01 S	2777.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.5 9.7 9.5 8.2 8.8 9.6 10.4 11.7 13.2 14.0 15.2	2768.2 2768.0 2768.2 2769.5 2768.9 2768.1 2767.3 2766.0 2764.5 2763.7 2762.5	4405
10S/02E-24R01 S	2763.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	2.6 2.8 2.2 5.7 7.5 8.5 5.9 10.4 11.4 12.4 14.3	2761.0 2760.8 2761.4 2757.9 2756.1 2755.1 2757.7 2753.2 2752.2 2751.2 2749.3	4405	10S/03E-19001 S	2781.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	5.0 4.7 4.1 5.6 3.9 17.5 12.3 11.3 18.0 17.1 22.0	2776.0 2776.3 2776.9 2775.4 2777.1 2763.5 2768.7 2769.7 2763.0 2763.9 2759.0	4405
10S/02E-25A01 S	2741.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	9.2 NM-9 NM-9 9.8 8.1 10.3 11.4 13.5 14.9 13.8 14.8	2732.0 2731.4 2733.1 2730.9 2729.8 2727.7 2726.3 2727.4 2726.4	4405	10S/03E-20N01 S	2791.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 4.4 6.5 7.3 4.8 9.0 10.3 8.7 11.7	2786.8 2784.7 2783.9 2786.4 2782.2 2780.9 2782.5 2779.5	4405
10S/02E-25C01 S	2733.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.0 3.0 2.3 14.0 15.7 14.6 17.9 20.8 22.6 18.7 24.2	2729.6 2730.6 2731.3 2719.6 2717.9 2717.0 2715.7 2712.8 2710.8 2714.9 2709.4	4405	10S/03E-20P01 S	2800.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.1 4.5 1.0 4.4 9.4 5.5 27.3 28.5 25.2 8.5	2795.9 2799.3 2799.0 2795.6 2790.6 2794.5 2772.7 2771.5 2774.4 2791.5	4405
10S/02E-25E01 S	2730.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85	7.3 6.3 6.6 10.4 20.1 7.4 8.2 9.1 10.9	2722.7 2723.7 2729.4 2719.6 2709.9 2722.6 2721.8 2720.9 2719.1	4405						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z-03 Z-03.C Z-03.C1	SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER MSA					Z-03 Z-03.C Z-03.C1	SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER MSA				
105/03E-20001 S	2816.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.0 3.7 3.2 4.0 10.4 7.7 6.9 9.3 10.7 10.6 12.4	2812.6 2812.9 2813.4 2812.6 2806.2 2808.9 2809.7 2807.1 2805.9 2806.0 2804.2	4405	105/03E-30H01 S	2779.6	09/16/85	6.7	2772.9	4405
						105/03E-31C01 S	2760.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	60.8(1) 74.2 75.3(1) 26.4 47.4 59.3 64.0 66.1 60.0 62.1 69.7	2699.2 2685.8 2684.7 2732.6 2712.6 2700.7 2696.0 2693.9 2700.0 2697.9 2690.3	4405
105/03E-25J02 S	2759.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	25.4 24.8 24.8 20.0 24.8 28.2 30.4 21.8 31.3 30.7 33.0	2729.6 2730.2 2730.2 2735.0 2730.2 2726.8 2724.6 2733.2 2723.7 2724.3 2722.0	4405	105/03E-31G01 S	2778.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	41.0 39.4 38.3 38.9 103.7(1) 107.7(1) 111.3(1) 114.3(1) 73.4(4) 108.3(1) 101.1(1)	2737.0 2738.6 2739.7 2739.1 2674.3 2670.3 2666.7 2663.7 2704.6 2669.7 2676.9	4405
105/03E-28P01 S		02/15/85 06/14/85	NM-7 NM-7		4405	105/03E-32C01 S	2784.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	7.5 7.1 6.3 5.0 5.6 6.4 7.3 8.3 9.7 9.1 10.0	2777.1 2777.5 2778.3 2779.6 2779.0 2778.2 2777.3 2776.3 2774.9 2775.5 2774.6	4405
105/03E-29J01 S		02/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW FLOW FLOW		4405						
105/03E-29J02 S	2815.5	02/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW 17.1 32.5 53.9(4) 40.9(4) 50.9	2798.4 2783.0 2761.6 2774.6 2764.6	4405	105/03E-32H01 S	2810.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	16.0 16.1 15.7 34.2 28.6 35.3 19.6 14.4 14.8 14.5 14.7	2794.7 2794.6 2795.0 2776.5 2782.1 2775.2 2791.1 2786.3 2793.9 2786.2 2796.0	4405
105/03E-29L01 S	2796.5	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	4.4 5.0 4.8 3.6 3.6 3.9 4.9 6.9 7.6 8.0 8.5	2794.1 2793.5 2793.7 2794.9 2794.9 2794.6 2793.6 2791.6 2790.9 2790.5 2790.0	4405	105/03E-33B01 S	2927.4	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	123.6 122.6 121.0 118.3 126.7 132.3 132.7 132.6 134.6 137.8 135.2	2803.6 2804.8 2806.4 2809.1 2800.7 2795.1 2794.7 2794.8 2792.8 2789.6 2792.2	4405
105/03E-29H01 S	2766.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	7.7 7.6 6.9 9.8 10.9 11.7 10.8 8.1 14.2 14.5 13.6	2758.3 2758.4 2759.1 2756.2 2755.1 2754.3 2755.2 2757.9 2751.8 2751.5 2750.4	4405	105/03E-33C01 S	2872.9	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	68.5 67.8 66.5 74.0 81.7 96.5 95.2 103.7 118.2(4) 118.7(4) 121.8	2804.4 2803.1 2806.4 2798.9 2791.2 2776.4 2777.7 2769.2 2754.7 2754.2 2751.1	4405
105/03E-30A01 S		10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 9.0 11.9 13.3 10.3 15.2 16.5 16.1 18.8	2770.7 2767.8 2768.4 2769.4 2764.5 2763.2 2763.6 2760.9	4405	105/03E-33001 S	2865.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	64.5 63.7 62.5 55.4 147.5(1) 61.3 61.3 61.3 62.2 60.5 49.6	2800.5 2801.3 2802.9 2799.6 2717.5 2803.7 2803.7 2803.7 2802.8 2804.5 2805.4	4405
105/03E-30B01 S	2775.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW 8.5 12.6 14.4 10.1 14.3 15.9 15.8 18.4	2766.5 2762.4 2760.6 2764.9 2760.7 2759.1 2759.2 2756.6	4405	105/03E-33002 S	2848.3	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	45.8 45.0 43.8 61.5 50.4 55.6 56.9 63.0 69.0 66.2 72.2	2802.5 2803.3 2804.8 2805.8 2797.9 2792.7 2791.4 2785.3 2779.3 2782.1 2776.1	4405
105/03E-30C01 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	5.7 4.8 3.2 7.2 11.4 12.5 12.8 15.0 16.6 17.2 19.2	2744.3 2745.2 2744.8 2742.8 2738.6 2737.5 2737.2 2735.0 2733.4 2732.8 2730.8	4405	105/03E-33E01 S	2848.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	63.7 61.6 59.5 53.9 52.3 50.3 48.3 47.9 47.6 45.5 44.1	2784.3 2786.4 2788.5 2794.1 2795.7 2797.7 2799.7 2800.1 2800.4 2802.5 2803.9	4405
105/03E-30H01 S	2779.6	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85	2.8 3.2 2.2 2.7 3.8 4.6 5.9 5.9 6.0	2776.8 2776.4 2777.4 2776.9 2775.8 2775.0 2773.7 2773.7 2773.6	4405						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
I I-03 I-03.C I-03.C1	SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER HSA					I I-03 I-03.C I-03.C1	SAN DIEGO HB SAN LUIS REY HU WARNER VALLEY HA WARNER HSA				
105/03E-33F01 S	2883.4	10/15/84 11/15/84 12/14/84 02/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	89.7 87.2 84.2 77.7 72.9 70.2 71.3 70.1 68.2 66.3	2793.7 2796.2 2799.2 2803.7 2810.5 2813.2 2812.1 2813.3 2815.2 2817.1	4405	115/03E-06801 S	2790.0	02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	21.2 33.8 102.4(1) 104.0(1) 60.0 52.3 50.7 112.2(1)	2768.8 2756.2 2687.6 2686.0 2730.0 2737.7 2739.3 2677.8	4405
105/03E-33H01 S	2902.2	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	104.6 101.5 101.4 89.7 86.1 83.1 79.1 119.6 120.3 124.2 122.2	2797.6 2800.7 2800.8 2812.5 2816.1 2819.1 2823.1 2782.6 2781.9 2776.0 2780.0	4405	115/03E-06F01 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	44.7 48.4 46.1 44.6 43.8 94.2(1) 62.9(1) 66.2(1) 54.2 51.0 67.6(1)	2701.3 2701.6 2703.9 2705.4 2706.2 2655.8 2687.1 2683.8 2695.8 2699.0 2682.4	4405
105/03E-33L01 S	2845.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	41.8 52.2 55.4 49.5 43.7 43.8 38.0 40.4 39.5 37.4 36.1	2803.9 2793.5 2790.3 2796.2 2802.0 2801.9 2807.7 2805.3 2808.2 2808.3 2809.6	4405	115/03E-06001 S	2750.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	101.1(1) 101.5(1) 89.3(1) 89.8(1) 143.3(1) 97.0(1) 90.2(1) 118.5(1) 85.9 83.8 85.2	2648.9 2648.5 2660.5 2660.2 2606.7 2653.0 2659.8 2631.5 2664.1 2666.2 2664.8	4405
105/03E-33P02 S	2843.7	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	65.5 63.0 60.0 51.6 46.3 47.3 41.8 42.9 41.6 39.4 37.8	2780.2 2782.7 2785.7 2794.1 2799.4 2798.4 2803.9 2802.8 2804.1 2806.3 2807.9	4405	115/03E-07A01 S	2730.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	14.2 13.7 12.6 9.5 9.5 18.2 14.4 72.6(1) 77.3(1) 42.0(1) 31.5	2715.8 2716.3 2717.4 2720.5 2720.5 2711.8 2715.6 2657.4 2652.7 2648.0 2698.5	4405
105/03E-33R01 S	2882.8	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	97.0 94.3 90.9 92.6 79.2 75.9 72.9 72.3 71.4 69.2 67.0	2785.8 2788.5 2791.9 2800.2 2803.6 2806.9 2809.9 2810.5 2811.4 2813.6 2815.8	4405	115/03E-07001 S	2726.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	28.8 29.1 28.3 26.8 27.2 27.5 27.4 123.3(1) 120.0(1) 132.5(1) 45.9	2699.2 2698.9 2699.7 2701.2 2700.8 2700.3 2700.6 2604.7 2608.0 2595.5 2682.1	4405
115/02E-02A01 S	2718.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	12.1 12.1 12.0 26.4 29.1 30.4 27.6 32.5 34.3 34.8 36.5	2705.9 2705.9 2706.0 2691.6 2688.9 2687.6 2690.4 2685.5 2683.7 2683.2 2681.5	4405	115/03E-03J01 S		10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	FLOW FLOW FLOW FLOW FLOW FLOW FLOW 14.1 168.7(1) 145.2(1) 145.3(1)	2935.9 2801.3 2824.8 2824.7	4405
115/03E-04A01 S	2856.4	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	79.8 79.1 75.4 66.8 66.2 63.0 60.2 58.3 56.1 54.0 51.6	2776.6 2777.3 2781.0 2787.6 2790.2 2793.4 2796.2 2798.1 2800.3 2802.4 2804.8	4405	115/03E-06A01 S	2800.0	10/15/84 11/15/84 12/14/84 02/15/85 03/15/85 04/15/85 05/15/85 06/14/85 07/15/85 08/15/85 09/16/85	40.5 39.1 37.7 35.7 30.6 119.7(1) 120.0(1) 122.3(1) 116.7(1) 112.9(1) 129.7(1)	2759.5 2760.9 2762.3 2764.3 2749.4 2680.3 2680.0 2677.7 2683.3 2687.1 2670.3	4405
115/03E-06R01 S	2790.0	10/15/84 12/14/84	26.4 23.6	2763.6 2766.4	4405						

TABLE O (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-05 Z-05.0 Z-05.01	SAN DIEGO HB SAN DIEGUITO HU MOOGES HA DEL OIOS NSA					Z Z-05 Z-05.C Z-05.C2	SAN DIEGO HB SAN DIEGUITO HU SAN PASQUAL HA LAS LOMAS MUERTAS NSA				
125/02W-35K01 S	420.0	11/01/84 06/03/85	13.0 13.0	407.0 407.0	5711	125/01W-32M03 S	357.0	05/31/85 06/03/85 07/01/85 08/01/85 09/03/85	12.7 13.5 13.6 13.6 12.7	344.3 343.5 343.4 343.4 344.3	5229
125/02W-35P01 S	395.0	11/01/84 06/03/85	7.3 6.3	387.7 388.7	5711	125/01W-32M02 S		03/01/85 04/01/85	NH-9 NH-9		5229
125/02W-35Q04 S	395.0	11/01/84 06/03/85	5.7 5.7	389.3 389.3	5711	125/01W-32Q03 S		03/01/85 04/01/85	NH-9 NH-9		5229
135/02W-02C02 S	374.0	11/01/84 06/03/85	10.1 8.6	363.9 363.4	5711	125/01W-33M01 S	378.0	10/01/84 11/01/84 12/03/84 01/02/85 03/31/85 04/01/85	20.4 17.1 15.9 12.4 15.8 12.4	357.6 360.9 362.1 363.6 365.6 364.8	5229
135/02W-02O01 S	390.0	11/01/84 06/03/85	11.8 12.6	378.2 377.4	5711	125/01W-34J01 S		10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/31/85 05/01/85	20.4 17.1 15.9 12.4 13.0 12.5 15.8 20.0	357.6 360.9 362.1 363.6 401.0 401.5 398.2 394.0	5229
135/02W-02F01 S	375.0	11/01/84 06/03/85	16.6 15.8	358.4 359.2	5711	125/01W-34P07 S		01/01/85 04/31/85	NH-9 NH-9		5229
135/02W-02F02 S	365.0	11/01/84 06/03/85	7.0 4.3	358.0 360.7	5711	125/01W-35A01 S	443.4	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	30.9 31.5 27.3 22.2 21.2 21.3 22.0 23.1 25.5 28.3 30.3 33.0	412.5 411.9 416.1 421.2 422.2 422.1 421.4 420.3 417.9 415.1 413.1 410.4	5229
135/02W-02M01 S	376.4	11/01/84 06/03/85	23.0 21.3	335.4 337.1	5711	125/01W-35B03 S	437.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	42.3 54.0 26.4 21.3 20.2 20.1 20.9 23.0 26.3 39.4 40.4 29.4	394.7 383.0 410.6 413.7 416.8 416.9 416.1 412.0 410.3 397.6 396.6 407.6	5229
135/02W-11R01 S		03/01/85 04/01/85	NH-9 NH-9		5229	125/01W-35C01 S	426.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	19.5 19.3 17.7 15.1 15.3 14.2 14.9 15.2 15.3 17.7 18.9 19.7	407.0 407.2 408.8 411.4 411.2 412.3 412.0 411.3 411.0 409.8 407.6 406.8	5229
135/02W-12G01 S	326.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	3.4 2.6 1.3 6.4 1.5 1.6 2.5 1.2 2.7 2.5 3.0 3.2	322.6 323.4 324.7 319.6 324.5 324.4 323.9 324.8 323.3 323.5 323.0 322.8	5229	125/01W-29M01 S		03/01/85 04/01/85	NH-9 NH-9		5229
135/02W-12M01 S		03/01/85 04/01/85	NH-9 NH-9		5229	125/01W-30A01 S	375.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	13.8 11.7 3.8 4.1 4.1 3.5 3.8 3.6 10.9 20.0 12.6 12.3	361.9 364.0 371.9 371.6 376.1 372.2 371.9 372.1 364.8 355.7 363.1 363.4	5229
135/02W-12M02 S		03/01/85 04/01/85	NH-9 NH-9		5229	125/01W-30J01 S		03/01/85 04/01/85	NH-9 NH-9		5229
135/02W-13C01 S	331.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	8.8 8.9 7.9 3.2 3.4 3.5 4.3 5.2 6.9 17.2 19.9 15.7	322.8 322.7 323.7 328.4 328.2 328.1 327.3 326.4 324.7 361.6 362.9 363.1	5229	125/01W-30Q05 S		03/01/85 04/01/85	NH-9 NH-9		5229
Z-05.C Z-05.C2	SAN PASQUAL HA LAS LOMAS MUERTAS NSA					125/01W-35C06 S	430.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	23.2 23.5 23.8 19.7 19.9 18.3 18.7 21.1 25.2 24.2 23.2 36.2	406.8 406.5 406.2 410.3 410.1 411.7 411.3 408.9 404.8 403.8 408.8 393.8	5229
125/01W-29Q01 S	378.8	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	10.6 5.0 4.4 15.6 15.5 16.0 15.2 15.6 5.4 17.2 19.9 15.7	368.2 373.8 374.4 363.2 363.3 362.8 363.6 363.2 373.4 361.6 362.9 363.1	5229	125/01W-31J01 S		03/01/85 04/01/85	NH-9 NH-9		5229
125/01W-29M01 S		03/01/85 04/01/85	NH-9 NH-9		5229	125/01W-31L03 S		03/01/85	NH-9		5229
125/01W-30A01 S	375.7	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	13.8 11.7 3.8 4.1 4.1 3.5 3.8 3.6 10.9 20.0 12.6 12.3	361.9 364.0 371.9 371.6 376.1 372.2 371.9 372.1 364.8 355.7 363.1 363.4	5229	125/01W-32M03 S	357.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	12.1 12.1 12.2 11.8 11.8 12.2 12.4	344.9 344.9 344.8 345.2 345.2 344.8 344.6	5229
125/01W-30A05 S		03/01/85	NH-9		5229	125/01W-35F01 S	429.6	10/01/84 11/01/84	22.4 22.8	407.2 406.8	5229
125/01W-30J01 S		03/01/85 04/01/85	NH-9 NH-9		5229						
125/01W-31J01 S		03/01/85 04/01/85	NH-9 NH-9		5229						
125/01W-31L03 S		03/01/85	NH-9		5229						
125/01W-32M03 S	357.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85	12.1 12.1 12.2 11.8 11.8 12.2 12.4	344.9 344.9 344.8 345.2 345.2 344.8 344.6	5229						

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
1 Z-05 Z-05.C Z-05.C2	SAN DIEGO H8 SAN DIEGUITO HU SAN PASOUAL HA LAS LOMAS MUERTAS H5A					7 Z-05 Z-05.C Z-05.C2	SAN DIEGO H8 SAN DIEGUITO HU SAN PASOUAL HA LAS LOMAS MUERTAS H5A				
125/01W-35F01 S	429.6	12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.1 18.6 20.9 38.6 16.9 17.3 18.3 20.7 44.0 22.9	407.5 411.0 408.7 391.0 412.7 412.3 411.3 408.9 385.6 406.7	5229	135/01W-06M01 S	334.3	07/01/85 08/01/85 09/03/85	6.6 7.2 7.2	327.7 327.1 327.1	5229
						Z-05.C4	HIDDEN H5A				
						125/01W-07E01 S	718.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	390.5 391.2 389.4 389.0 389.1 392.6 390.2 389.2 391.1 391.8 391.9 392.7	327.5 326.8 328.8 329.0 328.9 325.4 327.4 328.8 326.9 326.2 326.1 325.3	5229
125/01W-35F02 S	429.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	22.9 23.4 22.6 19.5 17.9 17.3 17.7 17.8 18.9 20.7 23.1 23.3	406.6 406.1 406.9 410.0 411.6 412.2 411.8 411.7 410.6 408.8 406.4 406.2	5229	Z-05.0 Z-05.01	SANTA MARIA VALLEY HA RAMONA H5A				
						135/01E-10R01 S	1450.0	10/01/84 10/08/84 10/11/84 10/16/84 10/20/84 10/26/84 11/01/84 11/06/84 11/12/84 11/17/84 01/02/85 01/08/85 01/15/85 01/22/85 01/27/85 02/04/85 02/08/85 02/14/85 02/19/85 02/25/85 02/28/85 03/04/85 03/07/85 03/14/85 03/20/85 03/26/85 04/01/85 04/06/85 04/12/85 04/17/85 04/22/85 04/26/85 05/02/85 05/07/85 05/10/85 06/11/85 06/17/85 06/24/85 07/15/85 07/22/85 08/05/85 08/10/85 08/20/85 08/25/85 09/03/85 09/11/85 09/16/85	15.2 15.3 15.3 15.2 15.3 15.2 15.3 15.4 15.5 15.4 13.0 13.0 13.0 10.5 9.3 5.8 5.3 4.6 4.5 4.1 3.8 3.8 5.0(1) 6.0(1) 6.4(1) 6.5(1) 3.3 3.5 3.5 3.8 3.8 3.8 5.0 6.0 6.8 8.4(1) 14.2 15.1 15.2 14.0 15.5 16.1 16.2 17.9 18.1 18.1 18.4 18.4 18.4 10.0 9.0 8.9(1) 8.9(1) 8.4(1) 8.3(1) 8.3(1) 7.6(1) 7.0(1) 7.0(1) 7.6(1) 7.6(1) 7.6(1) 6.3(1) 7.3(1) 6.0(1) 10.3(1) 10.9(1) 11.5(1) 12.0(1) 12.4(1) 12.4(1) 16.5 16.5 16.7	1434.8 1434.7 1434.7 1434.8 1434.7 1434.7 1434.6 1434.5 1434.6 1437.0 1437.0 1437.0 1439.9 1440.7 1444.2 1444.7 1445.4 1445.5 1445.9 1446.2 1446.2 1445.0 1444.0 1443.6 1441.6 1435.8 1434.9 1434.8 1436.0 1434.5 1433.9 1433.8 1432.1 1431.9 1431.9 1431.6 1431.6 1444.2 1445.5 1446.5 1446.6 1446.6 1447.5 1447.2 1447.9 1448.5 1448.5 1447.9 1447.9 1447.9 1449.2 1448.2 1449.5 1445.2 1444.6 1444.0 1443.5 1443.1 1442.9 1439.0 1439.0 1438.8	4402
125/01W-35G02 S		03/01/85 04/01/85	NM-9 NM-9		5229						
125/01W-35H02 S	444.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	33.1 33.7 31.2 25.5 24.3 24.3 25.1 25.4 27.1 30.4 32.0 44.9	411.2 410.6 413.1 418.8 420.0 420.0 419.2 418.9 417.2 413.9 412.3 399.4	5229						
125/01W-35L04 S	430.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	24.9 25.4 25.2 23.1 21.4 20.6 21.8 20.9 23.1 23.0 24.0 26.7	405.1 404.6 404.8 406.9 408.6 409.4 408.2 409.1 406.9 407.0 406.0 403.3	5229						
125/01W-36M01 S		03/01/85 04/01/85	NM-9 NM-9		5229						
125/01W-36M03 S		03/01/85 04/01/85	NM-4 NM-4		5229						
125/01W-36F01 S	458.5	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	36.7 35.5 29.4 25.0 24.8 25.0 25.1 25.3 25.3 27.7 33.2 43.7 38.3	421.6 423.0 433.1 433.5 433.7 433.5 433.4 433.2 430.8 429.3 426.6 423.1	5229	135/01E-11M02 S	1455.5	10/02/84 10/08/84 10/12/84 10/17/84 10/23/84 10/29/84 11/02/84 11/08/84 11/12/84 11/19/84 01/02/85 01/09/85 01/15/85 01/21/85 01/25/85 02/01/85 02/08/84 02/14/85 02/19/85 02/21/85 02/21/85 02/26/85 03/01/85 03/06/85 03/11/85 03/16/85 03/21/85 03/26/85 04/02/85 04/06/85 04/11/85 04/18/85 04/25/85 04/29/85 05/03/85 05/09/85 05/11/85 06/11/85 06/17/85 06/24/85	19.4 20.3 20.4 21.3 21.9 22.2 22.4 22.4 22.6 22.7 13.5 13.5 13.0 12.4 11.3 10.0 9.0 8.9(1) 8.9(1) 8.4(1) 8.3(1) 8.3(1) 7.6(1) 7.0(1) 7.0(1) 7.6(1) 7.6(1) 7.6(1) 6.3(1) 7.3(1) 6.0(1) 10.3(1) 10.9(1) 11.5(1) 12.0(1) 12.4(1) 12.4(1) 16.5 16.5 16.7	1436.1 1435.2 1435.1 1434.2 1434.0 1433.3 1433.1 1433.1 1432.9 1432.8 1442.0 1442.0 1442.5 1443.0 1444.2 1445.5 1446.5 1446.6 1446.6 1447.5 1447.2 1447.9 1448.5 1448.5 1447.9 1447.9 1447.9 1449.2 1448.2 1449.5 1445.2 1444.6 1444.0 1443.5 1443.1 1442.9 1439.0 1439.0 1438.8	4402
125/01W-36H01 S	467.1	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	39.2 32.9 31.2 32.0 31.8 32.0 32.3 32.5 33.0 37.6 40.5 44.0	427.9 434.2 435.9 435.1 435.3 435.1 434.8 434.6 434.1 429.5 426.6 423.1	5229						
135/01W-03E01 S		03/01/85	NM-9		5229						
135/01W-09A02 S	372.6	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/01/85 09/03/85	15.6 15.5 15.3 14.1 13.2 12.9 12.9 13.9 4.8 14.7 14.7 16.3	357.0 356.8 397.3 398.3 399.4 399.7 399.7 398.7 367.8 357.9 357.9 356.3	5229						
135/01W-06M01 S	334.3	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85	5.2 5.7 5.9 5.8 5.9 5.9 5.9 5.9 6.1 6.3	329.1 328.6 328.4 328.5 328.4 328.4 328.4 328.4 328.2 328.0	5229						

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
I I-05 I-05.0 I-05.01	SAN DIEGO HB SAN DIEGUITO HU SANTA MARIA VALLEY HA RAMONA HSA					Z Z-05 Z-05.0 Z-05.01	SAN DIEGO HB SAN DIEGUITO HU SANTA MARIA VALLEY HA RAMONA HSA				
115/01E-11M02 S	1455.5	07/15/83 07/23/83 07/29/83 08/03/83 08/10/83 08/19/83 08/26/83 09/01/83 09/10/83 09/16/83 09/23/83 09/30/83	18.7 19.3 20.0 20.3 20.7 20.7 21.0 20.7 21.0 21.3 21.0 20.8	1416.8 1436.0 1435.5 1435.0 1434.8 1434.8 1414.5 1434.8 1434.5 1434.0 1434.5 1434.7	4402	135/01E-13M01 S	1425.0	04/11/83 04/16/83 04/22/83 04/25/83 05/01/83 05/06/83 05/13/83 08/19/83 08/25/83 09/04/83 09/11/83 09/16/83 09/23/83 09/30/83	6.6(1) 6.6(1) 6.6(1) 6.6(1) 11.1(1) 12.6(1) 13.3(1) 21.3 21.0 17.7 17.7 17.6 17.6 17.3	1418.4 1418.4 1418.4 1418.4 1413.9 1412.4 1411.7 1403.5 1404.0 1407.1 1407.3 1407.4 1407.4 1407.3	4402
135/01E-11M04 S	1447.1	10/01/84 10/05/84 10/11/84 10/17/84 10/24/84 10/30/84 11/05/84 11/09/84 11/16/84 07/15/85 07/22/85 07/29/85 08/05/85 08/10/85 08/19/85 08/25/85 09/03/85 09/23/85 09/29/85	31.9(1) 32.8(1) 33.5(1) 33.7(1) 33.9(1) 33.9(1) 33.9(1) 33.9(1) 34.0(1) 30.2(1) 31.1(1) 31.6(1) 32.1(1) 32.4(1) 32.6(1) 33.2(1) 33.7(1) 19.6 19.3	1415.2 1414.3 1413.6 1413.4 1413.2 1413.2 1413.2 1413.1 1413.1 1416.9 1416.0 1415.5 1415.0 1414.7 1414.5 1413.9 1411.4 1427.3 1427.8	4402	115/01E-13M01 S	1410.0	10/05/84 10/11/84 10/15/84 10/20/84 10/26/84 11/01/84 11/05/84 11/12/84 11/16/84 01/02/85 01/09/85 01/15/85 01/21/85 01/28/85 02/01/85 02/07/85 02/12/85 02/15/85 02/20/85 02/26/85 03/01/85 03/06/85 03/11/85 03/16/85 03/26/85 04/01/85 04/05/85 04/11/85 04/16/85 04/22/85 04/26/85 05/01/85 05/06/85 05/10/85 06/11/85 06/17/85 06/23/85 07/15/85 07/22/85 07/29/85 08/05/85 08/11/85 08/25/85 09/03/85 09/11/85 09/16/85 09/23/85 09/30/85	33.4(1) 33.7(1) 14.0(1) 14.2(1) 14.4(1) 14.6(1) 14.7(1) 14.8(1) 15.0(1) 11.5(1) 10.8(1) 10.5(1) 9.0(1) 8.5(1) 8.0(1) 7.9(1) 7.6(1) 7.6(1) 7.3(1) 6.8(1) 7.1(1) 7.4(1) 7.4(1) 7.2(1) 7.2(1) 8.0(1) 8.1(1) 8.4(1) 8.4(1) 8.5(1) 8.5(1) 8.8(1) 14.0(1) 14.3(1) 14.3(1) 15.1(1) 15.6(1) 16.3(1) 16.6(1) 15.8(1) 16.1(1) 16.8(1) 17.0(1) 17.0 16.6 16.3 16.5 16.2	1396.6 1396.3 1396.0 1395.8 1395.6 1395.4 1395.3 1395.2 1395.0 1398.5 1399.2 1399.3 1401.0 1401.5 1402.0 1402.1 1402.4 1402.4 1402.5 1403.2 1402.9 1402.6 1402.6 1402.8 1402.8 1402.0 1401.9 1401.6 1401.6 1401.5 1401.5 1401.2 1396.0 1395.3 1395.7 1394.9 1394.4 1393.7 1393.4 1394.2 1391.9 1393.2 1391.0 1393.0 1391.4 1391.3 1391.5 1391.5	4402
115/01E-13M01 S	1436.1	10/01/84 10/06/84 10/12/84 10/18/84 10/25/84 11/04/84 11/08/84 11/12/84 11/16/84 01/02/85 01/07/85 01/11/85 01/21/85 01/28/85 02/01/85 02/06/85 02/12/85 02/18/85 02/21/85 02/26/85 03/01/85 03/08/85 03/15/85 03/21/85 03/28/85 04/01/85 04/05/85 04/11/85 04/15/85 04/19/85 04/26/85 05/01/85 05/06/85 05/10/85 06/11/85 06/17/85 06/24/85 07/15/85 07/20/85 07/29/85 08/05/85 08/10/85 08/18/85 08/25/85 09/02/85 09/24/85 09/30/85	33.6(1) 33.9(1) 34.0(1) 34.0(1) 34.0(1) 34.0(1) 34.0(1) 34.0(1) 34.0(1) 31.9(1) 26.3(1) 25.8(1) 25.4(1) 25.0(1) 23.0(1) 21.5(1) 20.3(1) 20.0(1) 20.3(1) 14.1(1) 14.0(1) 12.8(1) 12.0(1) 11.5(1) 10.5 8.6 17.0(1) 17.4(1) 18.0(1) 18.8(1) 19.8(1) 19.9(1) 20.0(1) 20.9(1) 21.6(1) 26.4(1) 27.3(1) 27.7(1) 28.0(1) 31.2(1) 31.7(1) 33.0(1) 32.7(1) 31.0(1) 31.3(1) 33.1(1) 21.2 21.0	1402.7 1402.4 1402.3 1402.3 1402.3 1402.3 1402.3 1402.3 1402.4 1410.0 1410.3 1410.9 1413.3 1413.3 1414.8 1415.8 1416.3 1416.0 1422.2 1422.3 1421.3 1424.3 1424.8 1425.8 1427.7 1419.3 1418.9 1418.3 1417.5 1416.5 1416.4 1416.3 1415.4 1414.7 1409.9 1408.8 1408.6 1408.3 1405.1 1404.6 1403.3 1403.6 1403.1 1402.8 1403.2 1413.1 1415.3	4402	135/01E-13M01 S	1425.0	10/01/84 10/06/84 10/11/84 10/16/84 10/22/84 10/26/84 11/01/84 11/07/84 11/12/84 11/16/84 01/02/85 01/09/85 01/13/85 01/21/85 01/26/85 02/01/85 02/09/85 02/13/85 01/21/85 01/26/85 02/01/85 02/07/85 02/13/85 02/19/85 03/04/85 03/11/85 03/15/85 03/21/85 03/26/85 04/01/85 04/06/85	14.1 14.9 16.0 15.9 15.2 14.4 13.2 13.0 13.0 13.0 12.9 12.4 12.0 7.3 7.3 7.1 7.1 6.9 6.8 6.8 7.3 7.6 8.1 7.5(1) 7.5(1) 7.3(1) 6.6(1) 6.6(1)	1410.9 1410.1 1409.0 1409.1 1409.8 1410.6 1411.8 1412.0 1412.0 1412.0 1412.1 1412.6 1413.0 1417.5 1417.7 1417.9 1417.7 1418.1 1418.2 1418.2 1417.7 1417.4 1416.9 1416.9 1417.3 1417.5 1419.4 1418.4	4402

TABLE D (CONTINUED)

GROUND WATER LEVELS AT WELLS											
STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
I-07 I-07.A I-07.A2	SAN DIEGO HB SAN DIEGO RIVER HU LOWER SAN DIEGO HA SANTÉE HSA					I-07 I-07.A I-07.A3	SAN DIEGO HB SAN DIEGO RIVER HU LOWER SAN DIEGO HA EL MONTE HSA				
155/01E-17B01 S	430.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	19.2 19.5 19.7 19.6 17.5 17.3 17.2 17.2 19.3 20.0 20.5 20.7	410.8 410.5 410.3 410.4 412.5 412.7 412.8 412.8 410.7 410.0 409.5 409.3	5400	155/01E-16C02 S		01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9	5400	
						155/01E-16C03 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						155/01E-16C04 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
155/01E-17B02 S	425.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	16.4 16.7 16.8 16.7 15.7 15.4 15.2 15.2 16.6 17.2 17.5 17.6	408.6 408.3 408.2 408.3 409.3 409.6 409.8 409.8 408.4 407.8 407.5 407.4	5400	155/01E-16E01 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						I-07.0 I-07.02	BOULOER CREEK HA SPENCER HSA				
						135/04E-05B01 S	4200.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	18.0 12.0 10.0 27.0 24.0 20.0 21.0 24.0 25.0 27.0 27.0 12.0	4182.0 4186.0 4190.0 4173.0 4176.0 4180.0 4179.0 4176.0 4175.0 4173.0 4173.0 4186.0	4326
155/01E-17H02 S	430.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	18.6 18.8 18.9 18.7 17.8 17.6 17.8 17.9 18.9 19.6 20.0 20.0	411.4 411.2 411.1 411.3 412.2 412.2 412.2 412.1 411.1 410.4 410.0 410.0	5400	135/04E-06A01 S	4220.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	80.0 35.0 89.0 80.0 74.0 84.0 82.0 80.0 80.0 84.0 84.0 89.0	4140.0 4185.0 4135.0 4140.0 4146.0 4136.0 4138.0 4140.0 4140.0 4136.0 4136.0 4131.0	4326
155/01E-17H07 S	439.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	18.6 19.2 19.2 18.9 18.1 18.1 18.0 18.1 19.1 19.8 20.4 20.7	416.2 415.6 415.8 416.1 416.9 416.9 417.0 416.9 415.9 415.2 414.6 414.3	5400	135/04E-06A02 S	4210.0	10/01/84 11/01/84 12/03/84 01/02/85 02/01/85 03/01/85 04/01/85 05/01/85 06/03/85 07/01/85 08/02/85 09/03/85	20.0 30.0 28.0 24.0 21.0 27.0 22.0 30.0 30.0 31.0 52.0	4190.0 4180.0 4182.0 4186.0 4179.0 4183.0 4188.0 4180.0 4180.0 4179.0 4179.0 4158.0	4326
155/01E-20B04 S	476.6	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	14.4 22.5 23.1 22.6 22.4 24.4 14.8 17.7 14.1 23.3 24.1 22.2	462.2 454.1 453.5 454.0 454.2 452.2 461.8 458.9 462.5 453.3 452.5 454.4	5400						
I-07.A5	EL MONTE HSA										
155/01E-09P01 S	445.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	15.7 15.8 15.7 15.6 15.6 15.7 15.7 15.7 15.9 16.4 16.6 16.7	429.3 429.2 429.3 429.4 429.4 429.4 429.3 429.3 429.1 428.6 428.4 428.3	5400	155/01E-09B02 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						155/01E-09B01 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
155/01E-10N01 S	450.0	10/01/84 11/01/84 12/04/84 01/08/85 02/04/85 03/01/85 04/01/85 05/04/85 06/05/85 07/10/85 08/02/85 09/07/85	9.6 9.7 9.7 9.6 9.6 9.8 9.9 10.0 10.5 10.9 11.8 11.5	440.4 440.3 440.3 440.4 440.4 440.2 440.1 440.0 439.5 439.1 438.2 438.5	5400	155/01E-16B01 S		10/01/84 01/08/85 07/10/85 08/02/85	NM-9 NM-9 NM-9 NM-9	5400	
						155/01E-16C02 S		10/01/84	NM-9	5400	

TABLE D (CONTINUED)

## GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND TO WATER	WATER SURFACE ELEV.	AGENCY
Z Z-09 Z-09.8 Z-09.81	SAN DIEGO HB SWEETWATER HU MIDDLE SWEETWATER HA JAMACHA NSA					Z Z-11 Z-11.A Z-11.A1	SAN DIEGO HB TIJUANA HU TIJUANA VALLEY HA SAN YSIDRO NSA				
165/01E-31003 S	325.8	11/06/84 11/13/84 12/31/84 01/04/85 01/14/85 01/18/85 01/23/85 03/26/85 08/19/85	6.3 5.9 5.7 5.5 5.3 5.3 5.9 7.0 9.0	319.3 319.9 320.1 320.3 320.3 320.5 319.9 318.8 318.8	6100	195/02W-01N02 S	50.2	10/22/84 11/20/84 12/17/84 01/18/85 02/19/85 03/15/85 04/22/85 05/22/85 06/18/85 07/17/85 08/30/85 09/30/85	13.1 14.4 14.5 13.6 14.0 14.3 14.5 14.9 15.2 15.5 15.7 16.2	37.1 39.8 39.7 38.6 36.2 36.1 35.7 35.3 35.0 34.7 34.5 34.0	5015
						195/02W-02K01 S	44.9	10/22/84 11/20/84 12/17/84 01/18/85 02/19/85 03/15/85 04/22/85 05/22/85 06/18/85 07/17/85 08/30/85 09/30/85	10.8 11.0 10.6 10.1 10.3 10.4 10.9 11.2 11.7 12.1 12.4 12.7	34.1 33.9 34.3 34.8 34.6 34.5 34.0 33.7 33.2 32.8 32.5 32.2	5015
						Z-11.0 Z-31.01	MONUMENT HA PINE NSA				
						155/04E-25N01 S	3650.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	13.0 13.8 11.8 11.4 12.0 10.3 10.8 14.0 19.8 31.4 24.3 30.0	3637.0 3636.2 3638.2 3638.6 3638.0 3639.7 3639.2 3636.0 3630.2 3638.6 3620.7 3620.0	5723
						155/04E-25N01 S	3640.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 23.0 65.5 20.0 20.0	3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3617.0 3594.5 3620.0 3620.0	5723
						155/04E-26J01 S	3851.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	50.0 85.5 59.0 58.0 56.0 37.6 54.0 61.0 61.0 63.7 64.0 61.0	3801.0 3787.5 3792.0 3795.0 3795.0 3793.4 3799.0 3790.0 3790.0 3787.3 3783.0 3790.0	5723
						155/04E-26R01 S	3645.0	10/31/84 01/31/85 02/28/85 03/31/85 04/30/85 05/31/85 06/30/85 07/31/85 08/31/85 09/30/85	9.0 NM-1 NM-3 NM-1 NM-1 NM-1 NM-1 NM-1 30.0 8.0	3636.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0 3639.0	5723
						155/04E-36E01 S	4000.0	10/31/84 11/30/84 12/31/84 01/31/85 02/28/85 03/31/85 04/30/85 06/30/85 07/31/85 08/31/85 09/30/85	12.5 23.5(1) 12.5 13.5 12.5 13.5 11.5 13.5 13.5 13.5 11.5	3987.5 3976.5 3987.5 3986.5 3987.5 3986.5 3986.5 3986.5 3986.5 3986.5 3986.5	5723



## **APPENDIX E**

### **GROUND WATER QUALITY**



## APPENDIX E

### GROUND WATER QUALITY

Appendix E presents the results of chemical analyses of ground water samples collected in Southern California from October 1, 1984 to September 30, 1985. The data are grouped into four categories:

Table	Title
E-1	Mineral Analyses of Ground Water
E-2	Minor Element Analyses of Ground Water
E-3	Miscellaneous Analyses of Ground Water
E-4	Nutrient Analyses of Ground Water

Ground water quality stations are listed in the tables by ascending areal code. The areal code is explained on page 2. Areal code numbers appear in the tables to the left of the hydrologic area names, and the data listed thereunder are in that hydrologic area. The number of quality stations precludes plotting each individual well on maps in this publication. Instead, Figure 8 shows the location of the ground water basins in which the water samples were taken.

To facilitate station location, the cross reference on the following page relates the hydrologic areas to the ground water basins shown on Figure 8 and lists the respective areal codes. The location and definition of any hydrologic area may be determined by entering Figure 2, page 4, with the corresponding areal code. The cross reference also lists the page numbers on which the analyses may be found. (The number of pages referenced indicates the extent of analysis of each station.)

The location of a well can be approximated by the well number. The numbering system for the wells is described in Appendix D, page 73.

In order to increase the amount of information in the water quality tables, multiple headings are used at the top of the column, and data are tabulated respectively. For example, the first column of Table E-1 shows the date of sampling printed above the time of sampling so the data are tabulated in that order. If a part of the values for a multiple heading column are obtained, they will appear in the column with respect to the heading positions. If dashes (or no data) appear in a column, it means no data was obtained.

Abbreviations and codes used in the tables are explained at the beginning of each table.

# APPENDIX E CROSS REFERENCE GROUND WATER BASIN—AREAL CODE

Ground Water Basin					Ground Water Basin				
No.	Name	Hydrologic Area*	Areal Code**	Data on page	No.	Name	Hydrologic Area*	Areal Code**	Data on page
		CENTRAL COAST	HB				LA SAN GABRIEL RIVER	HU	
		ESTERO BAY	HU			Coastal Plain	HA		
		Cambria	HA		4-11	Coastal Plain- Los Angeles County	West Coast	HSA	U-05.A2 103
3-33	San Carpoforo Valley	San Carpoforo	HSA	T-10.A1 81	4-11	Coastal Plain- Los Angeles County	Santa Monica	HSA	U-05.A3 06
3-34	Arroyo de la Cruz Valley	Arroyo de la Cruz	HSA	T-10.A2 81		Coastal Plain- Los Angeles County	Central	HSA	U-05.A5 106
3-35	San Simeon	San Simeon	HSA	T-10.A2 81		Coastal Plain- Los Angeles County			
3-36	Santa Rosa Valley	Santa Rosa Creek	HSA	T-10.A4 81					
3-37	Villa Valley	Villa	HSA	T-10.A5 81					
		Point Buchon	HA				Raymond	HA	
3-41	Horro Valley	Horro	HSA	T-10.B1 81	4-13	San Gabriel Valley	Passadena	HSA	U-05.C1 107
3-42	Chorro Valley	Chorro	HSA	T-10.B2 81	4-13	San Gabriel Valley	Santa Anita	HSA	U-05.C3 108
3-8	Los Osos Valley	Los Osos	HSA	T-10.B3 81			San Gabriel Valley	HA	
3-9	San Luis Obispo Valley	San Luis Obispo Creek	HSA	T-10.B4 81	4-13	San Gabriel Valley	Main San Gabriel	HSA	U-05.D1 108
3-10	Pismo Creek Valley	Pismo	HSA	T-10.B6 82					
		Arroyo Grande	HA				Spadra	HA	
3-11	Arroyo Grande Valley	Oceano	HSA	T-10.C1 82	4-14	Upper Santa Ana Valley	Live Oak	HSA	U-05.E3 108
	Nipomo Mesa Area	Nipomo Mesa	HSA	T-10.C2 83			Anaheim	HA	
3-19	Carrizo Plain	CARRIZO PLAIN	HU	T-11 84	8-1	Coastal Plain-Orange Co.	Buena Park	HSA	U-05.F1 108
		SANTA MARIA	HU		3-1	Coastal Plain-Orange Co.	La Habra	HSA	U-05.F2 110
3-12	Santa Maria River Valley	Guadalupe	HA	T-12.A 84	8-1	Coastal Plain-Orange Co.	Yorba Linda	HSA	U-05.F3 110
	Santa Maria River Valley	Sisquoc	HA	T-12.B 35					
3-13	Cuyama Valley	Cuyama Valley	HA	T-12.C 85					
		SANTA YNEZ	HU				SOUTH LAHONTAN	HB	
3-15	Santa Ynez River Valley	Lompoc	HA	T-14.A 85	0-44	Antelope Valley	Chafer	HU	
	Santa Ynez River Valley	Santa Rita	HA	T-14.B 86		Antelope Valley	Willow Springs	HSA	W-26.A3 111
3-15	Santa Ynez River Valley	Buellton	HA	T-14.C 87			Rock Creek	HSA	W-26.A8 111
3-15	Santa Ynez River Valley	Los Olivos	HA	T-14.D 88					
		SOUTH COAST	HU		6-43	El Mirage Valley	El Mirage	HA	W-28.A 111
		Coal Oil Point	HA		6-42	Upper Mojave River	Valley		
3-17	Santa Barbara Basin	Santa Barbara	HSA	T-15.B2 89		Valley	Upper Mojave	HA	W-28.B 111
					7-41	Middle Mojave River	Valley	HA	W-28.C 111
		LOS ANGELES	HB				Middle Mojave		
		VENTURA RIVER	HU		0-40	Lower Mojave River	Valley	HA	W-28.E 111
4-3	Ventura River Valley	Upper Ventura Rr	HA	U-02.B 90			Lower Mojave		
		Ojai	HA				Newberry Springs	HA	
4-1	Upper Ojai Valley	Upper Ojai	HSA	U-02.C1 90	6-39	Troy Valley	Troy Valley	HSA	W-28.F2 111
4-2	Ojai Valley	Ojai Valley	HSA	U-02.C2 90			Afton	HA	
					6-38	Caves Canyon Valley	Caves	HSA	W-28.G1 111
		SANTA CLARA CALLEGUAS	HU						
		Oxnard Plain	HA						
4-4	Santa Clara River Valley	Oxnard	HSA	U-03.A1 92					
4-6	Pleasant Valley	Pleasant Valley	HSA	U-03.A2 95					
		Santa Paula	HA						
4-4	Santa Clara River Valley	Sulphur Springs	HSA	U-03.B1 96					
4-4	Santa Clara River Valley	Sisar	HSA	U-03.B2 98					
		Gespe	HA						
4-4	Santa Clara River Valley	Fillmore	HSA						
		Piru	HA						
4-4	Santa Clara River Valley	Santa Felicia	HSA	U-03.D1 99					
		Upper Piru	HSA	U-03.D2 99					
4-18	Hungry Valley	Hungry Valley	HSA	U-03.D3 99					
4-17	Lockwood Valley	Stauffer	HSA	U-03.D4 99					
		Upper Santa Clara	HA						
		River							
4-4.07	Santa Clara River Valley								
	Eastern Oasin	Eastern	HSA	U-03.E1 99					
4-5	Acton Valley	Acton	HSA	U-03.E5 100					
		Calleguas-Conejo	HA						
4-8	Las Posas Valley	West Las Posas	HSA	U-03.F1 100					
4-8	Las Posas Valley	East Las Posas	HSA	U-03.F2 100					
4-7	Arroyo Santa Rosa Valley	Arroyo Santa Rosa	HSA	U-03.F3 101					
4-21	Conejo-Tierra Rejada	Conejo Valley	HSA	U-03.F4 101					
	Volcanic Areas								
4-21	Conejo-Tierra Rejada	Tierra Rejada Valley	HSA	U-03.F5 101					
	Volcanic Areas								
		Simi Valley	HSA	U-03.F7 102					
4-19	Thousand Oaks Area	Thousand Oaks	HSA	U-03.F8 102					
		MALIBU	HU						
		Malibu Creek	HA						
4-21	Conejo-Tierra Rejada	Sherwood	HSA	U-04.B6 102					
	Volcanic Areas								

\*See page 2.  
\*\*See Figure 2

\*See page 2.  
\*\*See Figure 2



Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY  
CENTRAL COASTAL & SOUTH COASTAL BASINS



Figure 8 LOCATION OF GROUND WATER BASINS-QUALITY  
SOUTH LAHONTAN BASIN

# TABLE E

## MINERAL ANALYSES OF GROUND WATER

### Lab and Sampler Agency Code

1101 - Los Angeles County Flood Control District  
 4740 - Southern California Edison Company  
 5050 - California Department of Water Resources  
 5064 - California Department of Water Resources, Castaic Lab  
 5117 - San Luis Obispo County Flood Control and Water Conservation District  
 5121 - Ventura County Flood Control District  
 5867 - Fruit Growers Laboratory  
 5875 - Eastern Municipal Water District  
 8090 - Ventura County

### Abbreviations and Constituents

TIME - Pacific Standard Time on a 24-hour clock  
 TEMP - Water temperature at time of sampling in degrees Fahrenheit (F) or Celcius (C)  
 Field - Determined in the field  
 Laboratory - Determined in the laboratory  
 pH - Measure of acidity or alkalinity of water  
 EC - Electrical conductance in microseimens at 25°C

#### Constituents:

B	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CACO3	-	Calcium Carbonate	NA	-	Sodium
CL	-	Chloride	NO3	-	Nitrate
F	-	Fluoride	SIO2	-	Silica
			SO4	-	Sulfate

Boron, Fluoride, and Silica are reported in milligrams per liter. The other minerals are reported in each of three units: milligrams per liter, milliequivalents per liter, and percent reactance value; accordingly, each observation can use three lines of tabulation.

MILLIEQUIVALENTS PER LITER is the concentration in Mg/l divided by the equivalent weight of the ion.

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter, arriving at a percentage.

TURB - Jackson Turbidity Units measured with a Hach Nephelometer (A), if in the field (F)  
 TDS - Gravimetric determination of total dissolved solids at 180°C (value followed by \* is a determination at 105°C)  
 SUM - Total dissolved solids by summation of analyzed constituents minus 40 percent of the carbonate weight  
 TH - Total Hardness  
 NCH - Noncarbonate hardness - any excess of total hardness over total alkalinity  
 SAR - Sodium Adsorption ratio  
 ASAR - Adjusted sodium adsorption ratio

(Continued on next page)

- REM - Remarks; code letter are:
- T - Total dissolved solids and the calculated sum of constituents are not within 20 percent of each other.
  - S - The anion sum and cation sum for a complete analysis is not within the prescribed tolerance of  $\pm 5$  percent.
  - X - The field EC and the lab EC are not within 20 percent of each other.
  - C - The electrical conductivity divided by the EC-EPM factor (or, if absent, 100) is not within 20 percent of the average of the cation sum and anion sum for complete analysis.
  - E - Total Dissolved Solids (TDS) value is not within the range of 0.35 to 0.70 of the electrical conductivity.

## MINERAL ANALYSES OF GROUND WATER

169

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN					MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						DEN
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	TDS	F	TDS	TN	SAR			
CENTRAL COAST MOUNTAIN SANTA MARIA MOUNTAIN GIAOALUPE MOUNTAIN																			
T-12 T-12.A																			
10N/36W-11R01 S																			
07/22/85	5050			7.4	900	105	51	51	3.3	210	292	43	2.9	.1	.4	775	472	1.0	
1900	0000			8.0	1030	5.24	4.19	2.22	.08	4.20	6.08	1.21	.05	--	474	262	2.5		
11N/34W-30R01 S																			
07/24/85	5050	62 F		800	105	40	56	2.9	180	292	37	4.2	.1	.6	687	426	1.2		
1100	0000	17 C	7.9	970	5.24	3.29	2.44	.07	3.60	6.08	1.04	.07	--	645	247	2.7			
11N/35W-33F01 S																			
07/22/85	5050	62 F		1650	220	80	98	4.9	328	564	72	80.0	.2	.6	1440	878	1.4		
1645	0000	17 C	7.9	1840	10.98	6.58	4.26	.13	6.55	11.74	2.03	1.29	--	1316	551	4.0			
11N/35W-33G01 S																			
07/22/85	5053	62 F		1100	153	54	66	3.5	258	364	44	52.0	.3	.5	990	604	1.2		
1620	0000	17 C	7.9	1300	7.63	4.44	2.87	.09	5.15	7.38	1.24	.84	--	891	346	3.0			
T-12.B																			
SISQUOC MOUNTAIN																			
09N/33W-02A07 S																			
07/24/85	5053	64 F		1100	127	70	71	3.4	235	394	62	12.4	.2	.6	997	604	1.3		
1545	0000	18 C	7.9	1310	6.34	5.76	3.09	.09	4.70	8.24	1.75	.29	--	885	370	3.2			
09N/33W-02H09 S																			
07/24/85	5050	63 F		700	65	43	43	4.5	127	268	43	8.2	.1	.3	607	338	1.5		
1315	0000	17 C	7.7	886	3.24	3.54	2.74	.12	2.54	5.58	1.21	.13	--	571	212	3.1			
T-12.C																			
CUYAMA VALLEY MOUNTAIN																			
09N/24W-33R01 S																			
07/23/85	5050			900	70	10	173	3.6	246	198	91	3.6	.3	.8	709	215	5.1		
1600	0000			7.9	1140	3.49	8.2	7.53	.09	4.92	4.12	2.57	.06	--	697	0	11.0		
09N/25W-19R01 S																			
07/23/85	5050	60 F		1350	204	86	58	4.1	128	817	9.0	2.1	.2	.9	1370	842	0.9		
1615	0000	16 C	7.6	1590	10.18	7.07	2.52	.10	2.56	17.01	.25	.01	--	1257	735	2.1			
09N/26W-01F02 S																			
07/23/85	5050			1700	185	112	118	5.0	144	974	10	1.9	.1	.7	1670	922	1.7		
1215	0000			7.8	1900	9.23	9.21	5.13	.15	2.88	20.28	.28	.03	--	1492	779	4.2		
10N/25W-17R01 S																			
07/23/85	5050	64 F		2350	375	156	126	8.0	232	1480	25	28.0	.4	1.0	2560	1580	1.4		
1500	0000	18 C	7.7	2710	18.71	12.83	5.48	.20	4.64	10.81	.71	.45	--	2338	1346	3.9			
10N/25W-23E02 S																			
07/23/85	5050	76 F		1750	204	97	140	5.0	84	1040	40	2.3	.5	.8	1770	908	2.0		
1525	0000	24 C	7.8	1980	10.18	7.98	6.09	.20	1.68	21.65	1.13	.04	--	1582	825	4.5			
10N/25W-30E03 S																			
07/23/85	5050	68 F		1600	223	106	81	4.3	155	946	16	19.0	.2	.7	1640	992	1.1		
1920	0000	20 C	7.8	1840	11.13	8.72	3.52	.11	3.10	19.70	.45	.31	--	1488	838	2.8			
10N/25W-04R01 S																			
07/23/85	5050			1750	210	116	114	7.0	146	1030	29	.7	.6	1.3	1790	1000	1.6		
1105	0000			7.8	2010	10.48	9.54	4.96	.18	21.44	.82	.01	--	1595	856	3.9			
10N/27W-03L02 S																			
07/23/85	5050			1250	165	48	114	3.5	165	589	38	24.0	.2	.7	1180	609	2.0		
1700	0000			7.5	1470	8.23	3.93	4.96	.09	12.26	1.07	.39	--	1081	444	4.8			
10N/27W-11C01 S																			
07/23/85	5050			7.3	5000	577	341	505	14	414	3240	67	4.9	1.2	1.1	5780	2840	4.1	
1015	0000			7.4	5510	28.79	28.04	21.97	.36	8.27	67.45	1.89	.08	--	4998	2430	13.3		
10N/33W-36A01 S																			
07/24/85	5050	67 F		1100	143	83	144	3.7	272	615	89	1.8	.5	.9	1400	748	2.3		
1400	0000	19 C	7.8	1790	8.13	6.83	4.26	.09	5.43	12.87	2.51	.03	--	1266	477	6.1			
T-13																			
SAN ANTONIO MOUNTAIN																			
08N/33W-20R02 S																			
07/24/85	5050	73 F		750	86	30	66	4.4	221	177	56	.1	.2	.3	599	338	1.6		
1630	0000	23 C	7.8	886	4.29	2.47	2.87	.11	4.42	3.49	1.58	.00	--	542	117	3.6			
08N/33W-20R01 S																			
07/24/85	5053			1300	--	--	--	--	--	296	167	2.3	--	--	1100	640			
1645	0000			1610	--	--	--	--	--	5.95	4.71	.03	--	--					
08N/34W-24E02 S																			
07/24/85	5050	67 F		1190	116	43	128	3.0	294	202	154	10.4	.6	.4	879	466	2.5		
1600	0000	19 C	7.9	1380	5.79	3.54	2.48	.08	5.87	4.21	4.34	.17	--	831	173	6.4			

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER							REMARKS
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	5102	TDS SUM	TH NCH	SAR ASAR		
CENTRAL COAST MB SANTA YNEZ HU LOMPOC MA																		
T-14 T-14.4 06N/34W-06C03 S																		
07/26/85 1235	5050 0000		7.8	1750	157	125	123	4.8	472	404	183	22.0	.2	.7	1410	906	1.8	E
				1990	7.83	10.28	5.35	.12	9.43	8.41	5.16	.35	--	1302	434	3.3		
					33	44	23	1	40	36	22	1						
07N/34W-29E04 S																		
07/26/85 1020	5050 0000	66 F 19 C	7.7	1650	150	75	180	9.0	366	402	196	3.2	.3	.5	1330	682	3.0	S
				1910	7.49	6.17	7.83	.23	7.31	8.37	5.53	.05	--	1235	318	8.2		
					34	26	36	1	34	39	26	0						
07N/35W-17M01 S																		
07/26/85 1130	5050 0000	65 F 18 C		3050	--	--	538	--	--	30	927	.6	--	--	1770	293		
				3290			23.40			.62	26.14	.01						
							80											
07N/35W-23E02 S																		
07/26/85 1050	5050 0003	66 F 19 C	7.7	2300	200	82	245	11	422	467	353	2.6	.5	.5	1760	836	3.7	
				2520	9.98	6.74	10.66	.28	8.43	9.72	9.95	.04	--	1614	415	10.6		
					36	24	39	1	30	35	35	0						
T-14.8 SANTA RITA MA																		
06N/32W-18M01 S																		
07/26/85 1540	5050 0000		7.7	2900	337	176	205	5.6	480	1040	314	21.0	.6	1.2	2550	1560	2.3	E
				2980	16.82	14.47	8.92	.14	9.59	21.65	8.85	.34	--	2387	1086	7.1	C	
					42	18	22	0	24	54	22	1						
06N/34W-01E01 S																		
07/26/85 1500	5050 0000	64 F 18 C	7.8	1650	161	97	122	9.0	370	479	142	2.7	.6	.6	1330	800	1.9	E
				1960	8.05	7.98	5.31	.23	7.39	9.97	4.00	.04	--	1245	431	5.3		
					37	37	25	1	35	47	19	0						
T-15 T-15.4 SOUTH COAST HU ARGUELLO MA																		
04N/30W-01C01 S																		
07/26/85 1200	5050 0003	80 F 27 C	7.2 7.8	1600 1840	227 11.33	54 4.44	129 5.61	4.9 .13	233 4.66	680 14.16	96 2.71	.1 .00	.2	.7	1420 1331	788 556	2.0 5.2	E
					53	21	26	1	22	66	13	0						
04N/30W-01K34 S																		
07/26/85 1240	5050 0000		7.4 7.6	1300 1550	174 8.68	54 4.44	102 4.44	1.5 .04	355 7.69	357 7.43	89 2.51	4.7 .08	.3	1.1	1060 1013	656 272	1.7 4.8	
					49	25	25	0	43	42	14	0						
05N/29W-31C01 S																		
07/26/85 1110	5050 0000	68 F 20 C	8.7	650	4.0	.0	200	2.4	355	38	28	3.3	1.3	1.5	519	10	27.5	
				781	.20	.00	8.70	.06	7.09	.79	.79	.05	--	490	0	27.4		
					2	0	97	3	81	9	9	1						
05N/32W-21A01 S																		
07/26/85 1615	5053 0000		7.7	1600	229	47	117	2.2	300	469	163	3.0	1.3	.9	1260	744	1.8	
				1910	11.43	3.47	5.09	.06	5.98	9.74	4.60	.05	--	1211	466	5.0		
					56	19	25	0	29	48	23	0						
T-15.C T-15.C1 SOUTH COAST HYDRO SERRINIT GOLETA HYDRO SUBAREA																		
04N/28W-16H32 S																		
07/26/85 1000	5053 0000	68 F 23 C	7.9	1000	131	31	57	2.9	341	174	37	.2	.1	.5	641	454	1.2	
				1030	6.54	2.55	2.48	.07	6.81	3.62	1.04	.00	--	638	114	9.0		
					56	22	21	1	59	32	9	0						
05N/28W-34A01 S																		
07/26/85 0900	5053 0000	73 F 23 C	9.2 8.4	550 644	2.0 .10	1.0 .08	163 7.09	.7 .02	308 6.15	14 .20	16 .45	.0 .00	.2	3.6	177	9	23.6	S
				644	1	1	97	0	89	4	7	0	--	382	0	21.4		

MINERAL ANALYSES OF GROUND WATER

172

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAR	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				DEM
					CA	MG	NA	K	PERCENT CACO3	504	CL	NO3	TDS SUM	TH NCN	SAR ASAR		
LOS ANGELES HB SANTA CLARA-CALLEGUAS HU OYNAHO PLAIN NA OYNAHO HSA																	
07/01/85	5121	67.5F			142	47	93	5.0	200	370	112	.0	.8	.7	879	990	1.7
1330	0000	14.7C	7.9	1400	7.09	3.97	4.05	.13	4.00	7.70	3.16	.00	890	348	4.2		
					47	26	27	1	27	52	21	0					
01N/22W-24R03 S																	
07/16/85	5121				162	93	102	8.0	199	379	174	3.0	.3	.7	1043	620	1.8
0900	0000		7.7	1410	8.08	4.36	4.44	.20	3.90	7.81	4.91	.08	996	427	4.4		S
					47	26	26	1	23	47	29	0					
01N/22W-24C01 S																	
07/16/85	5121				156	51	101	4.0	200	410	147	.0	.9	.7	1089	600	1.8
1053	0000		7.9	1518	7.78	4.19	4.39	.20	4.00	8.54	4.15	.00	994	399	4.4		E
					47	25	27	1	24	91	29	0					
01N/22W-36R01 S																	
08/21/85	5121	71.0F			94	32	87	5.0	220	249	46	.0	.6	.9	700	369	2.0
1045	0000	21.6C	7.7	1031	4.69	2.63	3.78	.13	4.40	5.18	1.30	.00	646	146	4.6		S
					42	21	34	1	40	48	12	0					
02N/21W-07K01 S																	
09/24/85	5121	69.0F			174	63	108	4.0	249	566	64	39.0	.9	.7	1178	695	1.8
1300	0000	18.3C	7.6	1710	8.68	5.18	4.70	.20	4.90	11.78	1.00	.56	1166	448	4.6		
					46	28	29	1	26	62	9	3					
02N/21W-18W03 S																	
08/08/85	5121				182	68	112	5.0	235	576	70	41.0	.7	.7	1303	739	1.8
1046	0000		7.6	1650	9.08	5.59	4.87	.13	4.70	11.99	1.97	.66	1196	499	4.7		E
					46	28	25	1	24	62	10	3					
02N/21W-19401 S																	
09/24/85	5121	63.0F			198	66	130	8.0	230	706	66	26.0	1.0	.7	1320	769	2.0
1230	0000	17.2C	7.6	1920	9.88	5.43	5.66	.20	4.60	14.70	1.46	.42	1339	936	9.3		
					47	26	27	1	21	68	9	2					
02N/21W-29C01 S																	
08/29/85	5121	67.0F			266	109	156	7.0	269	788	225	76.0	.7	.4	1869	1119	2.0
1420	0000	19.4C	7.5	2190	13.27	8.96	6.79	.18	5.29	16.41	6.39	1.23	1787	848	9.7		E C
					49	31	23	1	18	96	22	4					
02N/21W-29W03 S																	
08/29/85	5121				158	64	126	7.0	250	528	87	.0	.8	.4	1199	660	2.1
1443	0000		7.7	1610	7.88	5.26	5.44	.18	9.00	10.99	2.49	.00	1121	407	9.9		E
					42	28	29	1	27	60	13	0					
02N/22W-10W02 S																	
09/09/85	5121	67.0F			136	49	136	7.0	210	528	98	10.0	.7	.6	1109	930	2.6
0623	0000	19.4C	7.8	1670	6.89	3.70	5.92	.18	4.20	10.99	1.64	.16	1049	320	6.2		
					41	22	35	1	29	45	10	1					
02N/22W-11W01 S																	
08/15/85	5121	66.0F			164	40	165	6.0	246	596	65	12.6	.4	.7	1240	974	3.0
1330	0000	18.9C	8.2	1570	8.18	3.29	7.18	.19	4.92	11.98	1.83	.20	1157	328	7.6		E
					44	18	38	1	27	62	10	1					
02N/22W-16W01 S																	
09/19/85	5121	64.0F			190	50	118	7.0	220	913	60	10.0	.7	.6	1099	980	2.1
0750	0000	17.8C	7.7	1570	7.49	4.11	5.13	.18	4.40	10.68	1.69	.16	1041	360	9.3		
					44	24	30	1	26	63	10	1					
02N/22W-22J02 S																	
10/24/84	5121	63.0F			142	49	94	4.6	196	456	46	10.6	.7	1.1	1000	940	1.8
0819	0050	17.2C	8.1	1340	7.09	3.70	4.09	.12	3.92	9.49	1.30	.17	916	344	4.3		E
					47	25	27	1	26	64	9	1					
02N/22W-25L03 S																	
08/20/85	5121	64.0F			143	46	93	4.4	199	447	49	13.0	.6	.9	1020	946	1.7
1330	0000	17.8C	8.3	1300	7.14	3.78	4.05	.11	3.98	9.31	1.38	.21	919	347	4.2		E
					47	25	27	1	27	63	9	1					
02N/22W-22Q03 S																	
04/10/85	8090				224	78	137	4.0	329	594	105	105	1.0	.6	1939	880	2.0
0940	5867		7.9	1940	11.18	6.41	5.96	.20	6.49	12.37	2.99	1.69	1447	539	9.6		E C
					47	27	25	1	28	59	13	7					
02N/22W-25F01 S																	
08/29/85	5121				239	95	162	8.0	250	879	66	90.0	1.4	.9	1709	989	2.2
1330	0000		7.5	2160	11.88	7.81	7.09	.20	9.00	18.22	1.86	1.49	1689	739	6.1		E C
					44	29	26	1	19	69	7	9					
02N/22W-25L03 S																	
04/10/85	8090				264	92	173	9.0	265	938	80	90.0	1.1	.7	1939	1040	2.3
1030	5867		7.9	2240	13.17	7.57	7.53	.23	5.29	19.53	2.24	1.29	1796	773	6.4		E C
					46	27	26	1	19	69	8	9					
02N/22W-25W01 S																	
04/10/85	8090				197	67	164	4.0	249	736	65	38.0	1.1	.8	1449	770	2.6
1100	5867		8.0	1810	9.83	5.91	7.13	.20	4.90	19.32	1.83	.61	1423	922	6.7		F C
					43	24	31	1	22	68	8	3					
02N/22W-25W03 S																	
04/10/85	8090				209	68	126	7.0	249	698	70	21.0	1.0	.9	1339	809	1.9
1046	5867		7.9	1810	10.43	5.59	5.48	.18	4.90	14.43	1.97	.34	1347	996	9.1		E
					48	26	25	1	23	67	9	2					
02N/22W-25Q01 S																	
04/10/85	8090				142	30	30	2.0	209	302	9.0	.0	.3	.4	679	480	0.8
1019	5867		8.3	940	7.09	2.47	1.31	.09	4.10	8.29	.29	.00	638	273	1.4		F
					65	23	12	0	39	59	2	0					

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER							REMARKS
					CA	MG	NA	K	CaCO3	504	CL	NO3	TURB	SI02	TOTAL SILICA	TH MCH	SAR ASAR		
LOS ANGELES HR SANTA CLARA-CALLEGUAS HU OYHARD PLAIN HA OYHARD HSA																			
08/08/85 1100	U-03 U-03.4 U-03.41 02H/22W-26H02 S	64.5F 18.0C	7.3	1470	156 7.88 47	51 4.19 23	102 4.44 27	4.6 .10 1	215 4.30 26	498 10.37 63	54 1.52 9	10.0 .16 1	.7	.8 --	1070 1007	605 389	1.4 4.5	E	
08/27/85 1000	02H/22W-33H03 S	64.0F 17.8C	7.4	1500	156 7.78 45	58 4.77 26	102 4.44 26	5.0 .13 1	235 4.70 28	500 10.41 61	56 1.54 9	23.0 .37 2	.7	.7 --	1115 1042	630 393	1.4 4.5	E	
08/14/85 1040	02H/22W-33H35 S	63.5F 17.3C	7.6	1682	170 8.48 45	64 5.26 28	113 4.92 26	7.0 .18 1	250 5.00 26	582 12.12 63	60 1.69 9	22.0 .35 2	.7	.7 --	1190 1169	690 437	1.9 4.9	E	
08/20/85 1223	02H/23W-13K04 S	69.0F 20.3C	8.1	1640	152 7.58 40	51 4.19 22	165 7.18 38	5.4 .16 1	290 5.79 31	515 10.72 57	82 2.31 12	1.5 .02 0	.8	.8 --	1310 1147	589 299	3.0 7.7	E	
PLEASANT VALLEY HSA																			
08/26/85 1250	U-03.42 01H/21W-01H02 S		7.5	1570	96 4.79 29	52 4.28 26	164 7.13 43	8.0 .20 1	240 4.80 29	334 6.97 43	160 4.51 28	1.0 .02 0	.7	.3 --	1035 961	455 214	3.3 8.1		
08/21/85 1243	01H/21W-03K01 S	74.0F 23.3C	7.8	1755	122 6.09 32	54 4.44 23	196 8.53 44	8.0 .20 1	265 5.29 28	438 9.12 48	160 4.51 24	2.0 .03 0	.9	.8 --	1235 1140	525 262	3.7 9.3	E	
08/09/85 1430	01H/21W-03K01 S	72.0F 22.2C	7.9	1565	104 5.19 32	33 2.88 16	182 7.92 49	6.0 .15 1	260 5.19 33	303 6.31 40	148 4.17 26	13.0 .21 1	.6	.4 --	988 947	403 144	3.9 9.5		
08/09/85 1540	01H/21W-04K04 S	80.0F 26.6C	7.8	1476	76 3.79 26	31 2.53 17	184 8.00 35	12 .31 2	290 5.79 39	282 5.87 39	114 3.21 22	.0 .00 0	.7	.4 --	918 874	320 28	4.5 10.6		
08/21/85 1400	01H/21W-12K01 S	70.5F 21.4C	7.9	3161	276 13.77 36	148 12.17 32	282 12.27 32	5.0 .15 0	330 6.59 17	1033 21.51 56	370 10.43 27	.0 .00 0	.9	.4 --	2513 2314	1300 968	3.4 9.9	E C	
09/23/85 1015	01H/21W-15H01 S	70.0F 21.1C	7.7	1180	108 5.39 44	30 2.47 20	96 4.18 36	5.0 .13 1	200 4.00 34	277 5.77 48	77 2.17 18	.0 .00 0	.5	.4 --	688 713	393 193	2.1 4.9		
SANTA PAULA HA SULPHUR SPRINGS HSA																			
08/15/85 1430	U-03.8 U-03.81 03H/21W-21H03 S	65.0F 14.3C	7.7	1710	177 8.83 44	56 4.81 23	150 6.53 32	6.0 .15 1	278 5.55 24	576 11.99 60	83 2.34 12	.6 .01 0	.7	.9 --	1340 1216	672 395	2.3 6.6	E	
08/13/85 1430	03H/21W-29F01 S	77.0F 25.0C	7.8	1470	124 6.19 38	33 2.48 18	165 7.18 44	5.4 .14 1	243 4.86 30	438 9.12 56	74 2.09 13	9.9 .16 1	.7	.7 --	1050 998	454 211	3.4 4.2	E	
08/13/85 1400	03H/21W-30H07 S	72.0F 22.2C	8.0	1850	178 8.88 46	50 4.11 21	141 6.13 32	5.7 .17 1	263 5.29 28	564 11.74 61	73 2.06 11	.3 .00 0	.6	.6 --	1300 1172	650 385	2.4 6.3	E	
08/07/85 1330	03H/22W-11H04 S		7.7	3580	236 11.76 27	137 11.27 26	460 20.01 46	12 .32 1	522 10.43 24	1100 22.90 53	339 9.56 22	6.0 .10 0	.8	1.6 --	2840 2604	1150 632	5.9 17.9	E C	
08/27/85 1330	03H/22W-36R01 S	69.0F 20.4C	7.7	2140	278 13.87 52	78 6.41 24	144 6.26 23	5.6 .14 1	300 5.99 23	843 17.55 66	94 2.65 10	10.0 .31 1	.7	.8 --	1800 1642	1010 715	2.0 5.5	E C	
08/07/85 1415	04H/22W-25P04 S		7.9	2710	224 11.18 33	103 8.47 25	315 13.70 41	10 .26 1	412 12.23 36	741 15.84 47	199 5.50 16	2.6 .04 0	1.3	1.1 --	2090 1979	982 371	4.4 13.4	E C	
SISAR HSA																			
08/20/85 1425	U-03.82 04H/22W-12F34 S	66.0F 18.9C	8.0	719	92 4.59 58	26 2.14 27	26 1.13 14	1.4 .04 1	188 3.74 48	165 3.44 44	12 .34 4	17.0 .27 3	.0	.4 --	497 452	336 149	0.6 1.4		
SESPF HA FILLMORE HSA																			
04/09/85 1160	U-03.C U-03.C1 03H/21W-12H02 S		8.0	1280	131 6.54 46	48 3.95 28	82 3.57 25	4.4 .12 1	183 3.66 26	428 8.91 64	92 1.14 8	10.7 .17 1	.8	1.0 --	1010 857	924 342	1.6 3.7	E	

#### MINERAL ANALYSES OF GROUND WATER

175

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLE LAR	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REMARKS
				CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	F	TDS SIEM	TH NCH	SAR 454R	
LOS ANGELES HR MALIBU HU MALIBU CREEK HA SHERWOOD HSA																		
07/18/85 0000	3121 0003	72.5F 22.5C	7.6	975	90 4.49 40	58 4.77 43	40 1.74 16	4.0 .10 1	390 7.79 71	87 1.81 16	49 1.38 13	1.0 .02 0	.2 --	.2	993 563	463 74	0.8 2.2	
01H/19W-34H32 S																		
09/10/85 0000	3121 0000		7.7	1950	66 3.29 21	60 4.93 31	171 1.44 47	2.0 .05 0	305 4.09 39	385 8.02 51	54 1.52 10	.0 .00 0	.4 --	.6	1000 921	410 107	3.7 9.1	
U-04.0 U-04.07 01H/20W-25H03 S																		
07/18/85 0000	3121 0000		8.3	626	2.0 .10 2	1.0 .08 1	142 6.18 96	2.0 .05 1	230 4.60 74	35 .73 12	32 .90 14	.0 .00 0	.2 --	.1	398 352	10 0	19.5 16.3	
U-03 U-05.A U-05.A2 035/13W-19H03 S																		
07/31/85 1100	1101 5050		7.7	569	60 2.99 49	14 1.13 19	42 1.83 30	3.0 .08 1	149 2.98 57	74 1.54 30	24 .68 13	.5 .01 0	120 --	.5	340 427	209 58	1.3 2.3	T S
035/13W-30A10 S																		
06/27/85 1130	1101 5050	74.0F 23.3C	8.1	393	29 1.48 36	8.9 .73 18	41 1.79 44	3.0 .08 2	147 2.94 83	1.0 .02 1	21 .59 17	.1 .00 0	120 --	.2	240 313	112 0	1.7 2.9	T S
035/13W-31H01 S																		
08/06/85 1300	5050 0000	78.0F 25.5C	8.0	340	44 2.20 40	15 1.23 22	45 1.96 36	4.8 .12 2	183 3.66 68	52 1.09 20	24 .68 13	.3 .00 0	.1 --	.4	284 295	172 0	1.5 3.0	
035/14W-03K01 S																		
07/17/85 1330	1101 5050		6.8	667	40 2.00 33	14 1.13 19	65 2.83 46	5.5 .14 2	104 2.08 38	76 1.38 29	64 1.80 33	.1 .00 0	210 --	.2	440 537	159 54	2.2 3.8	T S
035/14W-03K03 S																		
07/18/85 1900	1101 5050		7.6	935	81 4.04 45	23 2.06 23	62 2.70 30	4.8 .12 1	157 3.14 38	19 .48 5	164 4.62 57	.1 .00 0	110 --	.6	520 560	307 148	1.5 3.3	
035/14W-09H01 S																		
07/12/85 1101	1101 5050		7.7	717	48 2.40 32	19 1.56 20	79 3.44 43	9.4 .21 3	248 4.96 73	.7 .01 0	64 1.80 27	.1 .00 0	220 --	.5	430 588	199 0	2.4 5.2	T S
035/14W-09H04 S																		
07/12/85 1050	1101 5050		7.7	604	40 2.00 31	13 1.23 19	68 2.96 46	7.9 .20 3	212 4.24 79	2.0 .04 1	38 1.07 20	.1 .00 0	190 --	.4	360 488	163 0	2.3 4.7	T S
035/14W-09H05 S																		
07/12/85 1043	1101 5050		7.7	668	41 2.05 29	16 1.32 18	82 3.57 50	8.9 .23 3	241 4.82 81	.7 .01 0	40 1.13 19	.1 .00 0	250 --	.4	400 583	169 0	2.7 5.7	T S
035/14W-13J04 S																		
07/17/85 1336	1101 5050		7.8	524	53 2.64 48	12 .99 18	41 1.78 32	3.3 .08 1	152 3.04 65	47 .98 21	23 .65 14	.1 .09 0	130 --	.3	320 401	183 30	1.3 2.5	T S
035/14W-22A01 S																		
07/18/85 1930	1101 5050		7.8	565	59 2.94 48	14 1.13 19	44 1.91 31	3.1 .08 1	177 3.54 68	36 .75 14	33 .93 18	.1 .00 0	140 --	--	330 435	206 28	1.3 2.7	T S
035/14W-25K06 S																		
06/27/85 1113	1101 5050	74.0F 23.9C	7.4	599	61 3.06 50	13 1.07 18	43 1.90 31	3.1 .08 1	169 3.38 63	39 .81 15	42 1.18 22	.1 .00 0	120 --	.4	340 424	207 38	1.3 2.7	T S
035/14W-25P04 S																		
07/17/85 1403	1101 5050		8.0	476	38 1.90 39	11 .90 18	46 2.00 41	4.3 .11 2	153 3.06 72	27 .56 13	22 .62 15	.1 .00 0	150 --	.3	285 390	141 0	1.7 3.1	T S
035/14W-33E01 S																		
06/27/85 1330	1101 5050	75.0F 23.9C	7.9	993	80 4.01 42	24 1.97 21	78 3.41 36	5.6 .14 1	151 3.22 35	89 1.85 20	147 4.15 45	.2 .00 0	130 --	.4	570 651	301 138	2.0 4.2	S
035/14W-34H32 S																		
06/27/85 1050	1101 5050	80.0F 26.6C	7.9	688	56 2.81 42	16 1.32 20	56 2.47 37	3.8 .10 1	147 3.34 45	.5 .01 0	96 2.71 45	.1 .03 0	110 --	.2	350 440	207 40	1.7 3.4	T S
045/13W-16H32 S																		
06/24/85 1410	1101 5050	74.0F 25.5C	8.0	396	29 1.45 37	6.0 .69 13	44 1.91 49	2.7 .07 2	139 2.78	2.0 .04	21 .59	--	110 --	.2	230 298	97 0	1.9 3.2	T

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CAC03	504	CL	NO3	TJR8	F	TDS S111	TH MCM	SAH ASA#		
LNS ANGELES HA LA-SAN GABRIEL RIVER HU COASTAL PLAIN HA WEST COAST HSA																		
06/24/85 1210	1101 5050	79.0F 25.9C	8.1 434	30 1.50 34	7.5 .62 14	52 2.26 51	3.5 .09 2	147 2.94 78	5.0 .10 3	26 .73 19	1.4 .02 1	120	.2 --	250 334	106 0	2.2 3.7	T S	
06/24/85 1405	1101 4050	78.0F 25.5C	8.3 410	28 1.40 28	6.4 .53 10	70 3.05 60	2.9 .07 1	142 2.84 64	5.0 .10 2	52 1.47 33	.1 .00 0	140	.2 --	300 390	96 0	3.1 5.1	T S	
06/24/85 1400	1101 5050	70.0F 21.1C	8.1 513	27 1.33 27	6.1 .50 10	69 3.00 61	3.2 .08 2	142 2.84 64	4.0 .09 2	55 1.55 35	.5 .00 0	120	.2 --	280 370	92 0	3.1 5.0	T S	
06/24/85 1510	1101 5050	79.0F 26.1C	7.9 629	38 1.90 32	8.4 .69 12	74 3.22 55	3.4 .09 2	134 2.68 50	7.0 .15 3	90 2.54 47	.1 .00 0	120	.2 --	360 421	130 0	2.8 4.9	S	
06/27/85 1245	1101 5050	75.0F 23.9C	7.8 532	31 1.56 29	11 .90 17	64 2.79 52	4.6 .12 2	176 3.52 75	.8 .02 3	41 1.16 25	.1 .00 0	120	.3 --	280 378	124 0	2.5 4.6	T S	
06/24/85 1145	1101 5050	72.0F 22.2C	7.6 3470	320 15.97 48	98 8.06 24	200 6.70 26	10 .26 1	136 2.72 8	.85 1.77 5	1040 29.33 87	.1 .00 0	140	2.1 --	2150 1975	1210 1066	2.5 6.3	S	
06/27/85 1435	1101 5050	72.0F 22.2C	7.4 1280	93 4.64 36	34 2.80 22	121 5.26 41	7.2 .18 1	292 5.03 41	134 2.79 23	158 4.46 36	.1 .00 0	260	.7 --	770 954	374 121	2.7 6.5	T S	
08/12/85 0130	5050 0000	69.0F 20.5C	7.7 30600	499 24.90 6	907 74.50 18	7050 6.68 73	115 2.94 1	312 6.23 2	1540 32.06 8	13300 374.06 91	7.3 .12 0	2.6	1.5 --	24200 23608	4970 4667	43.5 126.8	E C	
08/14/85 0945	5050 0000	69.0F 18.3C	8.3 593	79 3.94 63	15 1.23 20	25 1.09 17	1.6 .04 1	206 4.12 64	72 1.50 23	27 .76 12	.8 .01 0	.0	.4 --	414 344	259 53	0.7 1.3		
07/30/85 1330	5050 5044	7.5	257	18 .90 35	6.2 .51 20	26 1.13 44	1.3 .03 1	60 1.38 69	7.0 .15 7	16 .45 22	2.1 .03 1	27.0	.7 --	185 145	70 2	1.4 1.6	E T S	
06/12/85	1101 5050	66.0F 18.9C	7.6 462	73 3.64 41	18 1.48 17	82 3.57 41	4.7 .12 1	180 3.60 44	120 2.50 31	69 1.95 24	2.2 .04 0	230	.4 --	540 707	258 76	2.2 4.7	T S	
06/12/85 1105	1101 5050	68.0F 20.0C	7.8 1090	130 6.49 46	29 2.38 21	60 2.61 23	4.2 .11 1	190 3.80 34	202 4.21 39	97 2.74 25	4.8 .08 1	110	.7 --	760 751	446 254	1.2 2.9	S	
06/12/85 0815	1101 5050	74.0F 23.3C	7.8 739	71 3.44 45	22 1.81 23	54 2.35 30	3.9 .10 1	148 2.96 41	131 2.73 38	52 1.47 20	2.9 .05 1	140	.5 --	490 466	269 120	1.4 2.9	S	
06/13/85	1101 5050	7.9	1195	100 4.99 41	30 2.47 20	110 4.79 39	2.7 .07 1	187 3.74 32	93 1.94 17	210 5.92 51	4.3 .07 1	140	.4 --	700 802	375 186	2.5 5.6	S	
08/12/85 1333	5050 0000	83.0F 24.6C	8.5 1300	59 2.94 22	25 2.06 16	185 8.05 61	3.6 .09 1	248 4.96 18	.60 1.67 13	229 6.46 49	4.2 .07 1	.4	.5 --	782 735	250 2	3.1 11.2		
06/12/85	1101 5050	63.0F 20.0C	7.5 647	65 3.24 48	13 1.07 16	94 2.35 35	3.9 .10 1	164 3.32 54	.86 1.79 29	34 .96 16	1.8 .03 0	170	.5 --	390 527	217 50	1.6 3.2	T S	
06/12/85	1101 5050	65.0F 18.9C	7.5 679	69 3.44 50	12 .99 14	54 2.35 34	3.9 .10 1	192 3.04 51	.86 1.79 30	38 1.07 18	2.5 .04 1	160	.4 --	420 517	223 70	1.6 3.1	T S	
06/13/85	1101 5050	7.4	600	61 3.04 47	16 1.32 20	46 2.00 31	4.9 .13 2	109 2.18 38	111 2.31 40	45 1.27 22	3.3 .05 1	150	.4 --	340 503	219 109	1.4 2.5	T S	
06/13/85 0800	1101 5050	74.0F 23.3C	8.9 901	21 1.05 9	11 .90 8	210 9.14 42	3.3 .09 1	240 4.80 58	.86 1.79 22	60 1.69 20	.3 .00 0	150	1.0 --	660 486	98 0	9.2 16.6	E S	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REM	
					CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	SiO2	TDS	TM		SAR
	U U-05 U-05.4 U-05.45 025/12W-25601																	
06/12/85	1101 5050	67.0F 19.4C	7.5	833	73 3.64 43	16 1.32 16	77 3.35 40	4.3 .11 1	143 2.86 39	121 2.52 33	74 2.14 28	2.7 .04 1	260 --	.6 --	900 716	249 105	2.1 4.2	T S
	025/12W-29J01																	
06/19/85	1101 5050	69.0F 18.3C	7.8	751	67 3.34 45	16 1.32 18	63 2.74 37	2.8 .07 1	142 2.84 41	117 2.44 35	59 1.66 24	2.7 .04 1	190 --	.5 --	470 593	234 91	1.8 3.5	T S
	025/12W-34601																	
06/12/85	1101 5050	64.0F 17.8C	7.6	716	73 3.64 50	15 1.23 17	54 2.35 32	3.9 .10 1	144 2.88 45	102 2.12 33	47 1.33 21	3.1 .03 1	150 --	.5 --	430 534	245 100	1.5 3.0	T S
	025/12W-34901																	
06/12/85	1101 5050	64.0F 17.8C	7.7	774	82 4.09 52	17 1.40 18	54 2.35 30	4.1 .10 1	139 2.78 40	124 2.58 37	57 1.61 23	3.5 .06 1	190 --	.6 --	480 575	276 138	1.4 2.9	S
	025/12W-39K01																	
08/12/85	5050 1420 0000	73.0F 22.8C	8.2	638	67 3.34 51	12 .99 15	50 2.16 33	1.9 .05 1	153 3.06 46	105 2.10 33	45 1.27 19	10.4 .17 3	.1 --	.5 --	518 383	216 84	1.5 2.9	E T
	025/13W-01K01																	
06/13/85	1101 5050		7.8	588	49 2.94 44	17 1.40 21	51 2.22 33	3.4 .09 1	169 3.38 58	76 1.59 27	32 .90 15	.1 .00 0	140 --	.5 --	370 480	218 48	1.5 3.1	T S
	025/13W-05801																	
06/07/85	5050 1230 0000	73.0F 22.8C	7.6	1610	161 8.03 48	46 3.78 22	110 4.79 28	9.0 .23 1	220 5.00 30	346 7.20 44	151 4.26 26	.7 .01 0	.3 --	.5 --	1070 974	990 341	2.0 3.0	
	025/13W-10P05																	
07/31/85	1101 1003 5050		7.7	620	65 3.24 49	16 1.32 20	44 1.91 29	4.0 .10 2	157 3.14 55	84 1.75 30	30 .89 15	.8 .01 0	150 --	.4 --	390 485	229 71	1.3 2.6	T S
	025/13W-15P10																	
07/12/85	1101 1300 5050		7.8	607	67 3.34 50	16 1.32 20	43 1.87 28	3.5 .09 1	166 3.32 55	89 1.85 31	29 .82 14	.3 .00 0	130 --	.5 --	390 477	234 67	1.2 2.5	T S
	025/13W-21E01																	
06/19/85	1101 5050	62.0F 16.7C	7.8	731	80 3.99 51	20 1.64 21	47 2.04 26	3.7 .09 1	175 3.50 50	106 2.21 31	46 1.30 18	1.7 .03 0	150 --	.5 --	440 549	284 107	1.2 2.6	T S
	025/13W-23H01																	
07/16/85	1101 1300 5050		7.7	589	49 2.94 49	14 1.15 19	43 1.87 31	3.1 .08 1	146 2.92 56	71 1.43 28	28 .79 15	.7 .01 0	140 --	.4 --	370 446	206 59	1.3 2.5	T S
	025/13W-25N04																	
07/16/85	1101 0945 5050		7.9	574	59 2.94 49	14 1.15 19	42 1.83 31	2.9 .07 1	154 3.08 60	64 1.33 26	26 .73 14	.1 .00 0	140 --	.4 --	340 440	206 51	1.3 2.5	T S
	025/13W-25M03																	
08/12/85	5050 0915 0003	74.0F 23.3C	8.1	600	61 3.04 48	13 1.07 17	49 2.13 34	4.2 .11 2	172 3.44 55	83 1.73 28	38 1.07 17	1.8 .03 0	.1 --	.4 --	373 353	206 34	1.5 3.0	
	025/13W-28G02																	
06/19/85	1101 5050	62.0F 16.7C	7.7	654	72 3.59 52	17 1.40 20	43 1.87 27	3.3 .09 1	159 3.18 52	92 1.92 31	37 1.04 17	.9 .01 0	130 --	.5 --	400 491	241 91	1.2 2.4	T S
	025/13W-28H01																	
06/19/85	1101 5050	62.0F 15.7C	7.6	602	64 3.19 50	16 1.32 21	42 1.83 29	3.1 .08 1	156 3.12 55	84 1.74 31	28 .79 14	.7 .01 0	150 --	.5 --	370 461	227 70	1.2 2.5	T S
	025/13W-35401																	
07/15/85	1101 1300 5050		8.1	674	68 3.39 49	16 1.32 19	50 2.18 31	3.1 .08 1	154 3.08 50	94 1.96 37	40 1.13 18	.5 .01 0	140 --	.4 --	400 504	237 82	1.4 2.9	T S
	025/14W-10002																	
08/06/85	5050 0930 0000	70.0F 21.1C	8.0	724	74 3.69 51	16 1.32 18	47 2.04 28	4.8 .12 2	200 4.00 56	84 1.83 26	42 1.19 17	5.0 .08 1	.2 --	.4 --	415 397	240 51	1.3 2.8	
	025/14W-14C02																	
08/06/85	5050 0945 0600	74.0F 24.4C	8.2	516	44 2.20 43	10 .82 16	45 1.96 38	4.9 .13 3	142 2.84 56	65 1.35 27	30 .84 17	.2 .00 0	.2 --	.3 --	274 384	151 9	1.6 2.9	
	025/14W-14F02																	
08/06/85	5050 1003 0000	70.0F 21.1C	8.1	624	43 3.14 51	13 1.07 17	45 1.87 30	4.9 .13 2	199 3.78 61	77 1.60 26	28 .79 13	1.4 .02 0	.2 --	.4 --	367 344	210 22	1.3 2.7	
	025/14W-19K03																	
07/12/85	1101 0945 5050		7.5	1110	80 3.99 34	33 2.71 23	110 4.79 41	9.7 .25 2	277 5.53 51	85 1.73 15	125 3.53 33	.1 .00 0	290 --	.7 --	470 467	338 59	2.6 6.2	T S

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER							REM
					CA	MG	NA	K	PERCENT CACO3	PERCENT SO4	CL	NO3	TURB	SI02	F	TDS SUM	TN MCH	SAR ASAR		
II U-05 II-05.A U-05.A5 035/11W-01A01 S																				
06/12/85 0843	1101 5050	78.0F 25.5C	7.8	1260	64 24	39 24	160 52	4.5 12	259 5.17 41	209 4.35 35	107 3.02 24	.0 .00 0	370	.8 --	780 1109	323 62	3.0 9.0	T S		
035/11W-03C01 S																				
06/13/85 0849	1101 5050	72.0F 22.2C	7.6	1530	155 7.73 46	48 3.95 23	120 5.22 31	1.6 .04 0	273 5.44 37	267 5.46 38	111 3.13 22	25.0 .40 3	290	1.0 --	1010 1181	588 312	2.2 5.6	S		
035/11W-06N01 S																				
08/08/85 1230	5050 0000	73.0F 22.8C	8.0	570	30 1.50 24	4.0 .33 5	96 4.18 68	4.5 .12 2	188 3.76 62	65 1.35 22	31 .87 14	2.5 .04 1	.1 --	.4 --	392 346	92 0	4.4 7.5			
035/11W-18C04 S																				
06/12/85 1135	1101 5050	74.0F 23.3C	7.5		140 6.99 48	32 2.63 18	110 4.79 33	5.3 .14 1	280 5.59 44	159 3.31 26	140 3.95 31	.1 .00 0	110	.7 --	860 1064	484 202	2.2 5.5	T S		
035/11W-19E02 S																				
08/14/85 1015	5050 0000	67.0F 19.4C	8.2	630	84 4.19 63	15 1.23 18	28 1.22 18	1.8 .05 1	208 4.16 61	76 1.58 23	35 .99 14	6.2 .10 1	.0 --	.4 --	452 371	271 63	0.7 1.6	E		
035/11W-27L01 S																				
06/12/85 0930	1101 5050	76.0F 24.4C	8.3	509	27 1.35 26	6.6 .54 10	75 3.26 63	2.1 .05 1	139 2.78 63	56 1.17 26	17 .48 11	.1 .00 0	110	.6 --	310 377	95 0	3.3 5.4	T S		
035/11W-28A02 S																				
06/12/85 0908	1101 5050	74.0F 23.3C	7.9	530	49 2.45 45	10 .82 15	47 2.04 38	3.0 .08 1	134 2.68 58	63 1.31 28	23 .65 14	.1 .05 0	93.0	.4 --	320 368	164 30	1.6 2.9	S		
035/11W-29N06 S																				
06/12/85 1030	1101 5050	78.0F 25.5C	7.9	410	45 2.25 53	5.8 .48 11	34 1.48 35	2.6 .07 2	131 2.62 75	24 .50 14	14 .39 11	.1 .00 0	62.0	.3 --	240 266	137 6	1.3 2.2	S		
08/08/85 1200	5050 0000	73.0F 22.8C	8.1	397	47 2.35 54	5.0 .41 9	34 1.48 34	3.3 .08 2	160 3.20 76	26 .54 13	17 .48 11	.2 .00 0	.0 --	.4 --	289 228	138 0	1.3 2.3	E T		
035/12W-01E03 S																				
06/13/85 1101 5050	1101 5050	72.0F 22.2C	8.2	445	16 .80 16	2.9 .24 5	88 3.83 78	2.3 .06 1	139 2.78 66	20 .42 10	35 .99 24	.1 .00 0	140	.3 --	280 388	92 0	5.3 7.2	T S		
035/12W-06B03 S																				
07/18/85 1049	1101 5050		7.7	707	78 3.89 53	16 1.32 18	46 2.00 27	3.0 .08 1	183 3.66 52	102 2.12 30	45 1.27 18	1.3 .02 0	140	.4 --	440 541	262 78	1.2 2.6	T S		
035/12W-08F01 S																				
06/13/85 1300	1101 5050	66.0F 19.9C	8.2	702	91 4.54 59	18 1.48 19	37 1.61 21	3.1 .08 1	147 2.94 42	119 2.49 36	52 1.47 21	2.7 .04 1	75.0	.5 --	420 487	303 154	0.9 1.9	S		
035/12W-11E01 S																				
08/13/85 1400	5050 0000	64.0F 17.8C	8.3	843	93 4.64 53	19 1.56 18	58 2.52 29	2.3 .06 1	174 3.48 40	143 2.98 34	73 2.06 24	13.0 .21 2	.1 --	.5 --	538 506	310 136	1.4 3.1			
035/12W-12A02 S																				
06/12/85 1101 5050	1101 5050	68.0F 19.9C	7.5	1300	150 2.49 54	31 2.35 18	85 3.70 27	4.9 .13 1	245 4.90 40	190 3.96 33	115 3.24 27	5.2 .08 1	250	.7 --	860 978	504 257	1.6 4.1	S		
035/12W-13F01 S																				
08/14/85 1000	5050 0000	66.0F 18.9C	8.1	912	116 5.79 60	24 1.97 20	42 1.83 19	2.2 .06 1	244 4.88 50	166 3.46 35	50 1.41 14	6.3 .10 1	.0 --	.4 --	655 553	388 144	0.9 2.2	E		
035/12W-17A01 S																				
06/13/85 1101 5050	1101 5050	64.0F 17.8C	7.6	741	97 4.84 59	19 1.56 19	40 1.74 21	3.9 .10 1	156 3.12 42	132 2.75 37	53 1.49 20	2.0 .03 0	74.0	.6 --	510 538	322 164	1.0 2.1	S		
035/12W-21A01 S																				
08/14/85 0930	5050 0000	67.0F 19.4C	8.2	965	131 6.54 63	26 2.14 21	37 1.61 16	2.1 .05 0	290 5.79 56	125 2.60 25	71 2.00 19	.0 .00 0	.0 --	.4 --	621 566	434 145	0.8 2.0			
035/12W-23E05 S																				
08/08/85 1400	5050 0000	65.0F 18.3C	8.0	530	73 3.64 62	13 1.07 18	25 1.09 18	3.9 .10 2	184 3.68 63	21 1.48 25	23 .65 11	2.1 .03 1	.0 --	.6 --	323 321	236 52	0.7 1.5			
035/12W-24A01 S																				
06/13/85 0935	1101 5050	64.0F 17.8C	7.6	1160	170 8.48 60	35 2.88 20	59 2.57 18	5.1 .13 1	256 5.11 40	274 5.70 44	73 2.06 16	.2 .00 0	87.0	.9 --	810 857	521 313	1.1 2.8	S		
035/12W-25C01 S																				
08/08/85 1120	5050 0000	65.0F 19.3C	8.3	650	75 3.74 54	23 1.89 27	26 1.13 16	4.6 .12 2	164 3.28 47	115 2.39 34	42 1.18 17	5.6 .09 1	.0 --	.5 --	449 390	282 118	0.7 1.4			

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS		
					CA	MG	NA	K	CaCO3	SO4	CL	NO3	TURB	F	TDS SUM	MCN		SAR	
U U-05 U-05.A U-05.A5 03S/12W-25J01 S LOS ANGELES HR LA-SAN GABRIEL RIVER HUI COASTAL PLAIN HA CENTRAL HSA																			
06/13/85 1400	1101 5050	70.0F 21.1C	8.3	486	68 3.39 62	12 .99 18	23 1.00 18	3.3 .08 1	150 3.00 62	60 1.25 24	20 .96 12	.9 .01 0	42.0 --	.3 --	310 326	220 69	0.7 1.4		S
03S/12W-27C02 S																			
08/08/85 1030	5050 0000	65.0F 18.3C	8.1	497	68 3.39 62	12 .99 18	24 1.04 19	3.7 .09 2	192 3.84 72	51 1.04 20	16 .45 8	1.2 .02 0	.0 --	.3 --	305 291	219 77	0.7 1.3		
03S/12W-29M01 S																			
08/08/85 1005	5050 0000	83.0F 28.3C	8.0	664	50 2.50 36	18 1.48 22	64 2.78 41	4.0 .10 1	100 2.00 29	156 3.25 48	55 1.55 23	.8 .01 0	.1 --	.6 --	462 404	190 99	2.0 3.3		
03S/12W-30K02 S																			
06/27/85 0845	1101 5050	70.0F 21.1C	8.0	557	51 2.55 45	8.4 .69 12	53 2.32 41	2.8 .07 1	134 3.08 62	47 .98 20	33 .93 19	.1 .00 0	120 --	.3 --	320 408	163 8	1.8 3.4		T S
03S/12W-33R04 S																			
06/12/85 5050	1101 5050	65.0F 14.3C	8.0	423	53 2.44 59	8.3 .68 15	25 1.09 24	2.8 .07 2	150 3.00 80	22 .46 12	10 .28 7	.0 .00 0	73.0 --	.4 --	260 281	167 16	0.8 1.6		S
03S/12W-33F02 S																			
06/13/85 1050	1101 5050	72.0F 22.2C	8.2	816	68 3.39 39	24 1.97 22	76 3.31 38	3.8 .10 1	103 2.08 25	220 4.58 55	62 1.75 21	.2 .00 0	110 --	.6 --	510 626	270 183	2.0 3.8		T S
03S/12W-33H04 S																			
06/12/85 5050	1101 5050	62.0F 15.7C	8.2	420	57 2.84 63	7.7 .63 14	22 .96 21	2.7 .07 2	166 3.32 85	19 .40 10	7.0 .20 5	.0 .00 0	68.0 --	.4 --	260 283	175 8	0.7 1.4		S
03S/12W-34F01 S																			
06/12/85 5050	1101 5050	62.0F 16.7C	7.8	461	53 2.84 55	9.3 .76 16	31 1.35 28	2.9 .07 1	133 3.08 74	35 .73 18	12 .34 8	.4 .01 0	93.0 --	.4 --	280 328	171 17	1.0 2.0		S
03S/12W-35R04 S																			
06/13/85 1030	1101 5050	64.0F 17.4C	8.4	585	85 4.24 63	15 1.23 18	27 1.17 17	2.9 .07 1	190 3.80 67	54 1.12 20	28 .79 14	.1 .00 0	53.0 --	.3 --	330 394	275 84	0.7 1.8		S
03S/13W-10L02 S																			
08/07/85 1423	5053 0000	68.0F 29.0C	7.8	593	45 2.25 37	24 1.97 32	42 1.83 30	4.3 .11 2	182 3.64 60	75 1.56 26	28 .79 13	1.9 .03 0	.1 --	.5 --	332 329	211 29	1.3 2.6		
03S/13W-11E01 S																			
08/12/85 1053	5050 0000	74.0F 23.3C	8.1	716	85 4.24 55	17 1.40 18	44 1.93 25	4.0 .10 1	198 3.96 52	117 2.44 32	39 1.10 14	6.1 .10 1	.1 --	.5 --	454 431	282 84	1.1 2.5		
03S/13W-12J01 S																			
08/12/85 1300	5050 0000	69.0F 14.3C	8.3	769	93 4.64 56	20 1.64 20	44 1.91 23	1.7 .04 0	210 4.20 51	128 2.66 32	48 1.35 16	6.1 .08 1	.1 --	.5 --	541 466	314 104	1.1 2.5		E
03S/13W-22H07 S																			
08/12/85 1230	5050 0000	86.0F 18.9C	8.2	736	76 3.79 54	14 1.15 16	48 2.09 30	1.6 .04 1	188 3.76 53	97 2.02 28	49 1.38 19	.1 .09 0	.1 --	.4 --	453 399	247 39	1.3 2.8		
03S/13W-25G02 S																			
08/14/85 0900	5050 0000	67.0F 19.4C	8.2	539	64 3.19 56	12 .99 17	34 1.48 26	1.2 .03 1	193 3.86 67	58 1.21 21	26 .73 13	.2 .00 0	.0 --	.4 --	352 311	209 16	1.0 2.1		
03S/13W-35F01 S																			
06/24/85 1220	1101 5050	75.0F 23.9C	7.7	695	67 3.34 49	6.7 .55 8	65 2.83 42	1.6 .04 1	129 2.58 42	94 1.96 32	59 1.66 27	.1 .00 0	140 --	.3 --	420 511	195 86	2.0 3.8		T S
03S/13W-35R03 S																			
06/24/85 1235	1101 5050	78.0F 29.5C	8.0	430	20 1.00 23	1.8 .15 4	71 3.09 72	1.6 .04 1	117 2.34 66	16 .33 9	32 .90 25	.1 .00 0	130 --	.3 --	290 343	97 0	4.1 5.4		T S
04S/12W-03H01 S																			
06/12/85 5050	1101 5050	62.0F 16.7C	8.0	422	55 2.74 61	7.9 .63 14	24 1.04 23	3.0 .08 2	156 3.12 40	27 .56 14	8.0 .23 6	.3 .00 0	82.0 --	.4 --	270 301	170 14	0.8 1.4		S
04S/12W-06K02 S																			
06/11/85 5050	1101 5050		8.1	348	11 .55 15	.9 .07 2	67 2.91 82	1.1 .03 1	116 2.32 73	12 .25 9	21 .99 19	.3 .00 0	130 --	.5 --	220 313	31 0	5.2 4.6		T S
04S/12W-08R02 S																			
08/06/85 1430	5050 3000	74.0F 23.3C	8.1	970	39 1.95 51	4.0 .33 9	34 1.48 39	2.8 .07 2	152 3.74 82	17 .35 9	12 .34 9	.3 .00 0	.1 --	.3 --	207 200	114 0	1.4 2.4		
04S/12W-10R01 S																			
06/12/85 5050	1101 5050	64.0F 17.8C	7.9	424	45 2.25 51	4.7 .55 13	35 1.52 35	2.7 .07 2	145 2.90 77	22 .45 12	15 .42 11	.6 .01 0	97.0 --	.4 --	350 311	140 0	1.3 2.3		T S

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
				CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SIO2	F	TDS SUM	TH NCH	SAR ASAR	
LOS ANGELES NA LA-SAN GABRIEL RIVER HU COASTAL PLAIN NA CENTRAL USA																		
06/12/85	1101 5050	64.0F 17.8C	R.0 381	47 2.35 58	6.4 .53 13	26 1.13 28	2.7 .07 2	142 2.44 84	18 .37 11	5.0 .17 5	.0 .00 0	50.0	.3 --	240 241	144 2	0.9 1.7		S
06/12/85	1101 5050	64.0F 17.8C	R.1 344	49 2.45 60	6.9 .57 14	23 1.00 24	2.6 .07 2	139 2.78 84	18 .37 11	6.0 .17 5	.0 .00 0	55.0	.3 --	240 244	131 12	0.8 1.5		S
06/11/85	1101 5050		R.3 303	17 .85 28	1.5 .12 4	47 2.04 67	1.2 .03 1	97 1.94 74	11 .23 9	16 .45 17	.0 .00 0	53.0	.3 --	190 203	48 0	3.0 3.5		S
06/11/85	1101 5050		R.3 372	43 2.15 54	6.2 .51 13	28 1.22 31	2.9 .07 2	142 2.84 83	18 .37 11	7.0 .20 6	.0 .00 0	55.0	.3 --	230 246	133 0	1.1 1.9		S
06/11/85	1101 5050		7.9 311	16 .80 25	1.2 .10 3	53 2.31 71	1.2 .03 1	109 2.18 77	9.0 .19 7	16 .45 16	.2 .00 0	75.0	.3 --	210 238	45 0	3.4 4.2		S
06/11/85	1101 5050		R.1 302	10 .50 12	.4 .03 1	83 3.61 87	.6 .02 0	142 2.84 78	8.0 .17 5	21 .99 16	1.7 .03 1	140	.5 --	230 390	26 0	7.1 7.6	T	S
06/11/85	1101 5050		7.9 342	14 .70 20	1.0 .08 2	63 2.77 77	1.0 .03 1	93 1.86 69	8.0 .17 6	23 .65 24	.0 .00 0	110	.5 --	210 276	39 0	4.4 4.7	T	S
06/11/85	1101 5050		R.5 350	11 .55 16	.7 .06 2	67 2.91 82	.9 .02 1	117 2.34 74	25 .42 16	11 .31 10	.0 .00 0	64.0	.4 --	220 230	30 0	5.3 5.6		S
06/12/85	1101 5050		R.3 352	3.2 .16 4	.1 .01 0	83 3.61 93	.6 .02 1	143 2.90 89	8.0 .17 5	15 .42 12	.3 .00 0	190	.5 --	230 347	8 0	12.8 7.3	T	S
06/13/85 1200	1101 5050	68.0F 20.0C	R.0 551	58 2.89 48	9.8 .81 13	53 2.31 36	2.2 .06 1	152 3.04 97	65 1.35 25	34 .96 18	.1 .00 0	80.0	.5 --	320 393	186 33	1.7 3.3	T	S
06/12/85	1101 5050		R.2 427	15 .73 17	1.5 .12 3	82 3.57 80	1.5 .04 1	142 2.84 71	9.0 .17 4	33 .99 25	.0 .00 0	200	.5 --	270 428	43 0	5.4 7.0	T	S
09/07/85 1000	5050 0000	84.0F 28.0C	7.7 627	25 1.25 20	5.0 .41 6	104 4.52 72	5.0 .13 2	208 4.16 67	.0 .00 0	72 2.03 33	.7 .01 0	.3 --	.3 --	333 337	83 0	5.0 8.5		
08/12/85	1101 1101		7.6 564	64 3.19 67	19 1.56 33	1.0 .04 1	--	131 2.62 53	67 1.39 28	29 .82 17	5.3 .09 2	.34	1.1 --	340 264	238 107	0.0 0.1		T
08/23/85 0700	1101 1101		7.8 454	56 2.79 55	15 1.23 24	22 .96 19	1.9 .05 1	139 2.78 66	34 .71 17	23 .65 15	4.3 .07 2	.64	1.0 --	290 240	202 62	0.7 1.4		S
05/03/85	5050 5050		7.7 487	58 2.89 57	13 1.07 21	24 1.04 21	1.9 .05 1	162 3.24 66	38 .79 16	21 .99 12	19.0 .31 6	.3	1.0 --	299 272	198 36	0.7 1.5		
06/04/85	5050 5050		8.4 464	54 2.69 57	12 .99 21	22 .96 20	1.9 .05 1	169 3.38 71	29 .60 13	17 .48 10	20.0 .32 7	.3	1.0 --	241 236	144 15	0.7 1.4		
04/25/85	5050 5050		7.5 819	96 4.79 55	29 2.38 27	35 1.52 17	3.0 .08 1	203 4.06 47	122 2.54 30	51 1.44 17	34.1 .55 6	.1	.6 --	540 492	398 156	0.8 1.9		
08/12/85 1037	5050 5064		7.5 830	92 4.59 53	30 2.47 29	35 1.52 18	2.7 .07 1	180 3.60 47	118 2.46 32	50 1.41 19	7.5 .12 2	--	--	530 443	353 173	0.8 1.8		S
08/12/85 1110	1101 1101		7.6 419	36 1.80 45	11 .90 23	28 1.22 31	2.0 .05 1	82 1.64 48	43 .90 26	26 .73 21	7.9 .13 4	.18	1.0 --	270 203	139 53	1.0 1.6	T	S
01/25/85 1235	5050 5050		R.1 770	84 4.19 53	23 1.89 24	40 1.74 22	2.3 .06 1	196 3.92 50	70 1.45 19	45 1.27 16	72.0 1.16 15	.1	.7 --	373 454	304 108	1.0 2.2	T	

TABLE E-1 (CONTINUED)

## MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM
					CA	MG	NA	K	CACO3	SO4	CL	NO3	TURB	SiO2	TDS SIM	TH NCH	SAR ASAR		
II U-05 U-05.C U-05.C1 01N/12W-26A01 S																			
04/30/85	5030 5050					39 1.95 48	9.0 .74 18	31 1.35 33	1.9 .05 1	124 2.44 63	24 .50 13	20 .56 14	26.0 .42 11	.1 --	1.2 --	239 223	134 11	1.2 2.0	
01N/12W-28N01 S																			
08/16/85	5050 5064					53 2.67 36	20 1.71 23	69 3.04 40	3.5 .09 1	90 1.80 24	183 3.81 51	64 1.40 24	.3 .00 0	.14 --	.6 --	460 449	219 129	2.1 3.6	
01N/12W-34C01 S																			
04/30/85	5050 5050					45 2.25 45	11 .90 18	42 1.83 36	2.7 .07 1	138 2.76 56	53 1.10 22	29 .82 17	17.0 .27 5	.3 --	1.0 --	309 283	157 20	1.5 2.7	
01N/12W-34E04 S																			
07/30/85	5050 5064					87 4.14 42	26 2.14 26	40 1.74 21	3.0 .08 1	153 3.06 44	105 2.19 32	54 1.32 22	9.3 .15 2	.02 --	.7 --	490 416	324 171	1.0 2.1	
08/22/85	5050 0930	70.0F 21.1C	8.0	813	92 4.59 53	26 2.14 25	41 1.78 21	1.6 .09 1	198 3.96 47	112 2.33 28	57 1.61 19	32.0 .52 6	.1 --	.6 --	534 482	336 199	1.0 2.2		
01N/12W-34E14 S																			
04/30/85	5050 5050					64 3.19 52	17 1.40 23	34 1.44 24	3.0 .08 1	130 3.00 49	62 1.29 21	48 1.35 22	28.0 .45 7	.3 --	.8 --	340 346	230 80	1.0 2.0	
01N/12W-34N01 S																			
01/25/85	5050 5050					149 7.44 53	42 3.45 25	69 3.00 21	3.4 .09 1	212 4.24 31	235 5.31 38	104 3.05 22	78.0 1.26 9	.1 --	.6 --	891 832	344 333	1.3 3.2	
07/31/85	5050 1315					180 8.98 58	41 3.37 22	68 2.96 19	1.0 .08 1	230 4.60 34	252 5.25 39	114 3.21 24	19.0 .31 2	.03 --	1.2 --	940 813	618 388	1.2 3.0	
08/20/85	5050 1430					181 9.03 56	43 3.34 23	66 2.87 18	3.4 .09 1	292 5.83 37	258 5.37 34	111 3.13 20	79.2 1.28 8	.2 --	.6 --	1020 917	628 337	1.1 3.0	
01N/12W-35R01 S																			
07/31/85	5050 5064					42 2.10 47	11 .90 20	32 1.39 31	1.6 .04 1	103 2.10 62	27 .56 17	21 .59 17	8.6 .14 4	.01 --	.9 --	270 206	150 45	1.1 1.9	
08/21/85	5050 0900	73.0F 22.8C	8.0	442	45 2.25 41	11 .90 20	29 1.26 28	1.7 .04 1	126 2.52 57	31 .65 15	24 .68 15	34.8 .56 13	.1 --	.9 --	118 232	158 32	1.0 1.8		
01N/12W-34E04 S																			
01/25/85	5050 5050					92 4.59 44	26 2.14 25	40 1.74 20	3.2 .06 1	200 4.00 47	110 2.29 27	56 1.58 19	38.0 .41 7	.2 --	.6 --	529 483	336 137	0.9 2.2	
U-05.C2 01N/12W-09R01 C MONK HILL H5A																			
01/25/85	5050 1140					69 3.44 50	23 2.06 30	32 1.39 20	1.6 .04 1	166 3.32 48	48 1.00 15	48 1.35 20	75.0 1.21 18	.0 --	.5 --	434 398	273 109	0.8 1.8	
01N/12W-05G01 S																			
01/25/85	5050 1040					23 1.15 38	8.0 .66 22	27 1.17 39	1.0 .03 1	92 1.84 62	17 .35 12	21 .59 20	12.0 .19 6	.0 --	.7 --	213 164	90 0	1.2 1.8	
01N/12W-06M06 S																			
06/04/85	5050 5050					106 5.29 54	34 2.80 29	38 1.65 17	3.0 .06 1	225 4.50 45	105 2.19 22	84 2.37 24	53.0 .85 9	.0 --	.4 --	563 538	404 180	0.8 2.0	
07/30/85	5050 1435					94 4.69 53	31 2.55 29	36 1.57 18	2.6 .07 1	175 3.50 47	84 1.75 24	71 2.03 27	11.0 .19 2	.06 --	.5 --	530 635	362 187	0.8 1.8	
08/19/85	5050 1415	68.0F 20.0C	7.7	833	95 4.74 55	28 2.30 26	36 1.57 18	2.9 .07 1	204 4.16 48	83 1.73 20	70 1.97 23	45.3 .71 8	.0 --	.4 --	535 485	352 144	0.8 1.9		
01N/12W-08HJ2 S																			
01/25/85	5050 1120					50 2.94 54	18 1.44 27	23 1.00 18	1.8 .05 1	144 3.08 57	39 .81 15	31 .87 16	40.0 .65 12	.1 --	.8 --	336 304	221 67	0.7 1.4	
07/31/85	1101 0700					61 3.04 53	20 1.64 28	24 1.04 18	1.9 .05 1	131 2.62 1	43 .90 1	34 .96 1	--	.04 --	.6 --	340 262	215 101	0.7 1.3	
01N/12W-09F01 S																			
01/25/85	5050 1100	0 F 18 C	8.2	433	40 2.00 46	16 1.32 11	22 .96 22	1.2 .03 1	116 2.32 55	24 .50 12	25 .71 17	43.0 .69 16	.0 --	.9 --	248 241	166 50	0.7 1.3		
U-05.C3 01N/11W-21G02 S SANTA ANITA H5A																			
07/31/85	5050 0750					37 1.85 49	9.9 .81 21	25 1.09 29	1.2 .03 1	174 2.48 82	14 .79 10	4.0 .23 8	1.2 .02 1	.16 --	.7 --	700 171	133 9	0.9 1.6	
08/21/85	5050 1245	64.0F 18.9C	8.2	487	55 2.74 54	11 .90 18	32 1.39 27	1.9 .05 1	164 3.28 66	33 .89 16	18 .91 10	29.0 .47 9	.2 --	.8 --	303 278	182 18	1.0 2.0		

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER PERCENT REACTANCE VALUE			MILLIGRAMS PER LITER							REM
					CA	MG	NA	K	CACD3	504	CL	NO3	TURB	SI02	TDS SUM	TH NCH	SAR ASAR		
LOS ANGELES HS L4-SAN GABRIEL RIVER MU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA																			
07/31/85 0930	1101 1101	72.0F 22.2C	7.3	711	4.09 55	23 26	30 18	3.7 .09	165 3.30	74 1.54	34 .96	11.0 .18	.05 --	.4 --	430 357	299 134	0.8 1.6	S	
08/21/85 0930	5050 0000	66.0F 14.9C	8.3	320	2.15 64	8.0 20	11 14	2.8 .07	130 2.60	20 .42	9.0 .25	1.9 .03	.0 --	.4 --	220 174	140 11	0.4 0.7	T	
07/30/85 0940	1101 1101	63.0F 17.2C	7.7	635	4.49 67	17 21	17 11	4.1 .10	179 3.58	48 1.00	19 .54	11.0 .18	.05 --	.3 --	390 313	299 116	0.4 0.9	S	
08/15/85 1459	1101 1101	70.0F 21.1C	7.9	338	1.75	6.6 .54	--	--	123 2.46	14 .29	7.0 .20	.7 .01	.16 --	.7 --	210 110	115 0		S	
08/21/85 1130	5050 0000	65.0F 18.3C	8.1	439	2.45 55	12 22	22 22	1.5 1	139 2.78	22 .46	17 .48	42.0 .68	.2 --	1.0 --	275 249	172 33	0.7 1.4		
07/31/85 0730	5050 5064		7.9	381	4.2 52	12 .99	21 .91	1.5 23	115 2.30	--	18 .51	7.4 .12	.15 --	.8 --	240 40	134 40	0.7 1.3		
08/15/85 1056	1101 1101	64.0F 17.8C	7.5	647	4.09	82 1.61	22	--	189 3.78	37 .77	23 .65	13.0 .21	.05 --	.5 --	390 106	295 106		S	
08/28/85 1101	1101	68.0F 20.0C	6.9	910	4.04 44	33 30	53 25	3.5 .09	131 2.62	126 2.62	58 1.64	22.0 .35	.01 --	.4 --	540 455	338 207	1.3 2.6	S	
08/05/85 1101	1101	56.0F 13.3C	7.8	325	2.25 66	9.3 22	7.7 10	2.8 .07	116 2.32	15 .31	4.0 .11	2.4 .04	.03 --	.2 --	195 156	151 35	0.3 0.5	C	
08/20/85 0930	5050 0000	70.0F 21.1C	8.1	633	3.39 51	17 21	43 28	1.5 1	180 3.60	84 1.75	32 .90	22.0 .35	.0 --	.4 --	403 375	240 60	1.2 2.5		
08/01/85 1335	5050 5064		7.5	811	4.29 53	28 29	32 17	3.2 .08	128 2.56	94 1.96	46 1.30	25.0 .40	.04 --	.7 --	500 391	330 202	0.8 1.6	T S	
08/20/85 1315	5050 0000	70.0F 21.1C	8.3	611	3.69 56	18 22	30 20	4.7 2	212 4.24	43 .90	20 .56	33.4 .86	.0 --	.3 --	430 370	258 47	0.8 1.8	F	
08/05/85 1101	1101	60.0F 15.5C	7.6	443	2.59 54	13 22	24 22	2.8 1	169 3.38	24 .50	10 .28	.5 .01	.03 --	.4 --	270 227	183 14	0.8 1.5	C	
08/01/85 1445	5050 5064		7.7	654	4.14 63	18 22	21 14	3.5 .09	180 3.78	47 .99	26 .73	13.0 .21	.08 --	.4 --	380 325	92	0.9 1.2	S	
08/20/85 1030	5050 0000	64.0F 18.9C	8.0	606	4.09 63	17 22	21 14	3.6 .09	193 3.86	46 .96	25 .71	60.0 .97	.0 --	.3 --	399 370	274 82	0.6 1.2		
08/20/85 0815	1101 1101	63.0F 20.5C	8.1	405	1.05 26	18 36	34 36	2.9 2	98 1.96	47 .98	24 .46	.2 .00	.76 --	.3 --	230 207	126 29	1.3 2.1	S	
08/15/85 1000	5050 0000	67.0F 19.4C	8.3	1010	5.69 51	35 26	60 23	2.4 1	232 4.64	183 3.81	72 2.03	35.0 .56	.0 --	.5 --	712 641	428 197	1.3 3.1	F	
08/19/85 1130	5050 0000	76.0F 24.4C	8.1	646	2.94 42	17 20	60 37	2.9 .07	195 3.90	95 1.98	30 .85	9.4 .15	.0 --	.5 --	398 390	217 22	1.8 3.7		
08/20/85 1000	5050 0000	72.0F 22.2C	8.1	546	2.74 47	13 18	45 34	2.1 .05	181 3.62	66 1.37	22 .62	9.6 .15	.0 --	.4 --	369 321	190 10	1.4 2.9		
07/31/85 0915	5050 5064		7.6	959	4.24 42	26 21	84 36	2.5 1	183 3.66	178 3.71	63 1.78	4.0 .06	.14 --	.7 --	600 552	319 136	2.0 4.5	S	

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER						REM	
					Ca	Mg	Na	K	CaCO3	SO4	CL	NO3	TU94	STO2	105 SiO2	TH MCH	SAR ASAR			
LOS ANGELES HB LA-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY WA MAIN SAN GABRIEL H54																				
08/01/85 1439	U U-05 U-05.0 U-05.01 015/10W-32801 5 5050 5064				7.6	636	64 3.19 48	18 1.44 22	43 1.87 28	1.5 .04 1	146 2.92 53	79 1.64 29	32 1.64 16	6.2 .90 10 2	.06 --	6.4	390 331	234 88	1.2 2.4	S
08/06/85 0830	015/11W-02602 5 1101 1101				7.3	765	96 4.79 58	28 2.30 28	24 1.04 13	2.4 .06 1	230 4.60 68	52 1.08 16	30 .85 13	13.0 .21 3	.09 --	.6	470 383	355 129	0.6 1.3	S
08/05/85 0820	015/11W-02401 5 1101 1101				7.7	366	48 2.40 31	11 .90 12	12 .92 7	150 3.84 50	123 2.46 73	27 .55 17	11 .31 9	2.0 .03 1	.06 --	.4	220 339	163 42	0.4 0.7	TC S
08/29/85	015/11W-06002 5 1101 1101	69.0F 20.5C			7.5	370	27 1.35 37	6.3 .52 14	40 1.74 48	1.0 .03 1	98 1.96 61	41 .89 26	13 .37 12	2.1 .03 1	.15 --	.9	250 189	93 0	1.8 2.7	T S
07/30/85 1005	015/11W-07H02 5 5050 5064				7.7	341	37 1.85 91	11 .90 25	20 .87 24	1.3 .03 1	122 2.44 80	18 .37 12	8.0 .23 8	.4 .01 0	.09 --	.7	230 169	135 16	0.7 1.3	T S
08/21/85 0830	5050 0000	67.0F 19.4C	8.0	380	44 2.20 54	11 .90 22	22 .96 23	1.5 .04 1	160 3.20 80		16 .33 8	11 .31 8	9.4 .15 4	.2 --	.8	274 211	153 0	0.8 1.5	E T	
08/21/85 1130	015/11W-08A03 5 5050 0000	66.0F 19.9C	8.2	396	40 2.00 51	10 .82 21	24 1.04 27	1.3 .03 1	160 3.20 94		12 .25 7	10 .28 7	4.8 .08 2	.1 --	.9	249 198	141 0	0.9 1.6	T	
08/15/85 1107	015/11W-10F02 5 1101 1101	65.0F 18.3C	7.6	534	67 3.34 67	10 .82 17	17 .74 19	2.0 .05 1	197 3.94 79		30 .42 13	13 .37 7	1.9 .03 1	.09 --	.6	320 259	209 11	0.5 1.1		
08/09/85	015/11W-12J07 5 1101 1101				7.7	442	62 3.09 66	13 1.07 23	10 .44 9	3.3 .08 2	193 3.06 81	25 .52 14	7.0 .20 5	1.0 .02 1	.05 --	.2	260 213	208 55	0.3 0.6	S
08/15/85 1015	015/11W-15L02 5 1101 1101	64.0F 17.8C	7.6	423	53 2.64 60	13 1.07 24	14 .61 14	2.5 .06 1	148 2.96 79		24 .50 13	9.0 .25 7	3.0 .05 1	.07 --	.3	245 207	186 38	0.4 0.9	S	
08/21/85 0815	015/11W-17A05 5 5050 0000	66.0F 18.9C	8.0	363	41 2.05 53	9.0 .74 19	24 1.04 27	1.1 .03 1	160 3.20 45		12 .25 7	9.0 .25 7	3.0 .05 1	.1 --	.9	261 195	140 0	0.9 1.6	F T	
08/19/85 1200	015/11W-21A01 5 5050 0000	62.0F 16.7C	8.1	350	51 2.54 69	9.0 .66 18	10 .44 12	1.8 .05 1	144 2.68 79		24 .50 14	7.0 .20 5	4.2 .07 2	.0 --	.4	214 192	160 16	0.3 0.6		
08/19/85 1212	015/11W-22A01 5 1101 1101	65.0F 18.3C	7.4	659	87 4.34 64	18 1.48 22	21 .91 13	4.1 .10 1	189 3.78 66		47 .44 17	29 .82 14	8.7 .14 2	.01 --	.4	370 325	291 102	0.5 1.2	S	
08/05/85	015/11W-25001 5 1101 1101	71.0F 21.6C	7.9	530	69 3.44 63	13 1.07 20	16 .70 13	4.0 .20 2	161 3.22 71		32 .67 15	18 .51 11	7.1 .11 2	.04 --	.3	320 256	226 63	0.5 0.9	S	
08/06/85 1115	015/11W-30F01 5 1101 1101				8.1	300	19 .95 29	3.6 .30 9	4.6 2.00 61	1.5 .04 1	107 2.14 78	20 .42 15	6.0 .17 6	.3 .00 0	.08 --	.7	185 141	62 0	2.5 3.4	S
08/28/85	015/11W-34F01 5 1101 1101	69.0F 20.5C	7.8	390	44 2.20 54	5.7 .72 18	25 1.09 27	3.1 .08 2	139 2.78 90		22 .46 13	8.0 .23 7	.5 .01 0	.05 --	.4	220 195	467 7	0.5 1.1	S	
07/30/85	015/12W-10E01 5 5050 5064				7.6	704	71 3.54 50	22 1.81 25	40 1.74 24	2.3 .06 1	161 3.22 56	48 1.00 17	46 1.30 23	14.0 .29 4	.04 --	.5	430 340	268 107	1.1 2.2	T S
08/22/85 0915	5050 0000	72.0F 22.7C	8.2	735	76 3.79 51	22 1.81 24	42 1.83 24	2.7 .07 1	215 4.30 97		53 1.10 14	48 1.35 18	53.0 .85 11	.0 --	.5	447 426	280 63	1.1 2.4		
08/15/85 1100	015/12W-12A01 5 5050 0000	73.0F 21.1C	8.2	784	89 4.44 56	24 1.97 25	31 1.35 17	4.0 .10 1	162 3.24 61		92 1.92 24	43 1.21 15	91.0 1.47 19	.0 --	.6	486 471	320 159	0.8 1.6		
07/30/85 0925	015/12W-13A01 5 1101 1101				7.7	484	50 2.70 50	17 1.40 28	24 1.04 21	1.2 .03 1	116 2.32 64	25 .42 14	19 .54 15	14.0 .23 6	.06 --	.7	310 220	195 79	0.7 1.4	T S

MINERAL ANALYSES OF GRDINO WATER

185

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER																					
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				SAP ASAB	PEM				
				CA	MG	NA	K	PERCENT REACTANCE VALUE	CL	NO3	TJR9	F SiO2	INS SUM	TH NCH							
.....																					
U U-05 II-05.E U-05.E2 015/08W-07602 S		LOS ANGELES MR LA-SAN GABRIEL RIVER MU SPADORA WA POMONA HSA																			
07/30/83 1415	1101 1101	72.0F 22.2C	7.9	639	3.49	1.13	--	38 .97	103 2.06 44	78 1.62 34	24 .88 1.30	21.0 .34 7	.19 --	.3 --	390	232 129					
015/08W-10N01 S																					
08/13/83	1101 1101	68.0F 20.0C	7.6	406	2.84 .69	7.2 14	13 16	2.0 1	131 2.62 73	29 .60 17	7.0 .20 6	4.7 .08 2	27.0	.2 --	230 227	172 41	0.3 0.9				
015/09W-12A01 S																					
08/19/83 1215	5030 0000	73.0F 22.0C	8.1	674	3.99 57	13 18	39 24	2.3 .06 1	180 3.60 52	59 1.23 18	37 1.04 1.05	69.6 1.12 16	.1 --	.2 --	473 410	261 81	1.1 2.2	F			
015/09W-12A01 S																					
08/02/83 0800	5050 5064		7.7	642	3.54 53	13 19	38 26	2.1 .03 1	133 2.70 55	52 1.08 22	32 .90 14	13.3 .24 5	.08	.3 --	390 306	239 104	1.1 2.1	T			
U-05.E3 015/08W-33A01 S		LIVE OAK HSA																			
08/14/83 1400	5050 0000	71.0F 21.6C	7.3	588	2.69 47	13 21	42 32	1.1 .03 1	142 2.84 30	98 1.21 21	46 1.30 23	20.0 .32 6	.0 --	.3 --	338 321	196 94	1.3 2.3				

MINERAL ANALYSES OF GODINO WATER

W SOUTH LAHONTAN HB  
W-26 ANTELOPE HU  
W-26.A CHAFER HA  
W-26.A5 LANCASTER HSA

TABLE E-1 (CONTINUED)  
MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY		MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				SAR	PERM			
			PH	EC	Ca	Mg	Na	K	CaCO3	SO4	Cl	NO3	TURB	TOC	TH	NCN					
LAHONTAN DRAINAGE PROVINCE ANTELOPE HYDRO UNIT ANTELOPE HYDRO SUBUNIT ROCK CREEK HYDRO SUBAREA																					
06/11/85 1100	5050 0000	W-26 W-26.A W-26.48 04N/10W-10001	S	79	F	8.1	475	55	21	28	2.9	150	127	6.0	.4	.0	.3	346	224	0.8	
				26	C	8.4	539	2.74	1.73	1.22	.07	3.00	2.64	.17	.01			330	74	1.6	
06/11/85 1200	5050 0000	04N/10W-15M01	S	75	F	7.3	500	--	--	--	--	--	--	--	--	--	--	--	--		
				24	C	7.7	622														
06/13/85 1030	5050 0000	05N/08W-13M01	S	84	F	7.9	410	--	--	--	--	--	--	--	--	--	--	--	--		
				29	C	8.1	495														
06/18/85 1200	5050 0000	05N/08W-25M01	S	92	F	7.9	480	59	22	27	9.6	159	128	3.0	1.3	.0	.3	507	238	0.8	F
				33	C	8.1	534	2.94	1.81	1.17	.14	3.18	2.66	.08	.02			341	79	1.6	T
06/10/85 1600	5050 0000	05N/09W-24M01	S			8.4	330	7.0	.0	82	.5	103	70	10	1.8	.1	.6	272	18	8.4	Y
						8.4	422	.35	.00	3.57	.01	2.06	1.46	.28	.03			233	0	6.5	
06/10/85 1500	5050 0000	05N/09W-25M01	S	85	F	8.4	330	--	--	--	--	--	--	--	--	--	--	--	--		
				29	C	8.3	393														
06/13/85 0800	5050 0000	05N/09W-26M01	S	83	F	8.4	330	--	--	--	--	--	--	--	--	--	--	--	--		
				28	C	8.4	396														
06/20/85 1400	5050 0000	05N/10W-05M01	S	74	F	7.7	280	36	4.0	29	1.0	124	42	9.0	.9	.0	.2	208	112	1.2	
				23	C	8.4	330	1.90	.33	1.26	.03	2.48	.87	.25	.01			198	0	2.0	
06/20/85 1345	5050 0000	05N/10W-07M01	S	76	F	7.8	420	--	--	--	--	--	--	--	--	--	--	--	--		
				24	C	8.2	468														
06/20/85 1330	5050 0000	05N/10W-07M01	S	76	F	7.7	400	--	--	--	--	--	--	--	--	--	--	--	--		
				24	C	8.2	495														
06/10/85 1100	5050 0000	05N/10W-16M01	S	83	F	8.3	330	--	--	--	--	--	--	--	--	--	--	--	--		Y
				28	C	8.2	441														
06/08/85 1000	5050 0000	05N/10W-26M01	S	78	F	7.4	590	71	21	47	.9	222	104	22	10.4	.1	.6	440	264	1.3	
				26	C	8.5	670	3.54	1.73	2.04	.02	4.44	2.17	.62	.17			410	42	2.8	
06/08/85 1100	5050 0000	05N/10W-29M01	S	80	F	7.6	1200	103	38	165	3.2	172	422	102	4.8	.2	.9	1020	413	3.5	
				27	C	8.3	1460	5.14	3.13	7.18	.08	3.44	8.79	2.66	.08			941	242	7.9	
06/07/85 0930	5050 0000	05N/11W-02M02	S	76	F	7.8	240	--	--	--	--	--	--	--	--	--	--	--	--		
				24	C	8.1	269														
06/12/85 1000	5050 0000	06N/09W-09M01	S	79	F	7.4	1000	--	--	--	--	--	--	--	--	--	--	--	--		
				25	C	8.2	1190														
06/13/85 1500	5050 0000	06N/08W-19M01	S	83	F	8.0	390	--	--	--	--	--	--	--	--	--	--	--	--		
				27	C	8.3	472														
06/12/85 1403	5050 0000	06N/08W-32M01	S	79	F	8.0	330	--	--	--	--	--	--	--	--	--	--	--	--		
				26	C	8.2	401														
06/18/85 0900	5050 0000	06N/08W-35M02	S	79	F	8.1	400	24	6.0	66	4.0	76	145	5.0	2.2	.0	.5	300	90	3.0	
				24	C	8.0	470	1.30	.49	2.87	.10	1.52	3.02	.14	.04			300	14	4.0	
06/12/85 0830	5050 0000	06N/09W-22M01	S	64	F	7.7	640	84	31	39	2.4	104	203	72	6.3	.1	.6	541	337	0.9	
				18	C	8.3	817	4.19	2.55	1.70	.06	2.08	4.23	2.03	.10			500	233	1.8	
06/17/85 1430	5050 0000	06N/09W-35M01	S	77	F	7.7	300	--	--	--	--	--	--	--	--	--	--	--	--		
				25	C	8.2	348														

## MINERAL ANALYSES OF GROUND WATER

[illegible]

### MINERAL ANALYSES OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY	FIELD PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER				MILLIGRAMS PER LITER				REMARKS		
						CA	MG	NA	K	CACO3	SO4	CL	PERCENT REACTANCE VALUE	NO3	TURB	SI02	TOC		TH	SAR
07/30/85 1350	1101 1101		64.0F 17.8C			641	3.99	1.07	--	--	208 4.16	--	27 .76	4.4 .07	.02	1.8 --	340	299 90		
08/28/85 1101	1101		71.0F 21.6C	7.6	710		4.14 57	.82 11	10 31	2.3 1	131 46	117 41	20 .56	19.0 .24	.05 --	.2 --	470 372	249 117	1.4 2.8	
08/04/85 1101	1101			7.5	599		.2 4.09 69	1.23 21	13 10	1.9 .05 1	131 2.62 56	53 1.10 24	23 .65 14	17.0 .27 6	27.0 --	.3 --	340 310	267 133	0.3 0.7	
08/04/85 1101	1101		70.0F 21.1C	7.7	515		71 3.54 87	13 1.37 20	19 .65 12	1.8 .05 1	138 2.76 62	58 1.21 27	16 .45 10	3.2 .05 1	27.0 --	.3 --	330 288	231 93	0.4 0.9	
07/30/85 1310	1101 1101		64.0F 17.8C	7.6	420		48 68	10 23	6.0 .26 7	1.9 .04 1	120 2.40 62	27 16	2.0 .04 2	.9 .01 3	27.0 --	.3 --	200 190	161 41	0.2 0.4	
04/04/85 1101	1101			7.4	346		51 2.34 54	8.8 .72 18	15 .65 16	1.8 .04 1	123 2.46 76	30 .62 19	4.0 .11 3	4.0 .06 2	.06 --	.5 --	230 188	164 40	0.3 0.9	
03/15/85 1510	5875 5875		55 F 10 C	7.4	424		65 3.24 38	27 2.27 26	70 3.05 35	4.5 .12 1	93 1.86 22	259 5.37 64	37 1.04 12	8.4 .14 2	.4 --	.7 --	480 926	241 140	2.0 3.5	
05/02/85 0930	5875 5875		62 F 17 C	8.1	543		94 4.69 71	8.8 .72 11	26 1.13 17	4.3 .11 2	153 3.06 46	123 2.56 39	35 .99 15	.4 .01 0	.1 --	.2 --	350 383	259 118	0.7 1.9	

TABLE E-1 (CONTINUED)

MINERAL ANALYSES OF GROUND WATER																	
DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER TURB 5102 TDS SUM TH NCM SAR 4548				REM	
.....																	
2 7-07 2-07.4 2-07.43 155/01E-31F03		SAN DIEGO HA SAN DIEGO RIVER MII LOWER SAN DIEGO HA EL CAJON HSA															
11/01/84 1000	5050 0000	71.0F 21.6C	6.9 7.9	890 1400	90 4.49 33	41 3.37 25	132 5.74 42	4.1 .10 1	150 3.00 22	162 3.37 25	228 6.43 47	50.0 .91 6	.1 --	.9 297	980 393 243	2.9 6.3	X
11/01/84 1920	5050 0000	76.0F 24.4C	7.0 8.0	2090 2190	144 7.19 32	78 6.41 28	208 9.05 40	3.4 .09 0	232 4.64 21	341 7.10 32	271 7.64 34	185 2.98 13	.1 --	.6 1370	1460 680 448	3.5 8.8	
11/01/84 1545	5050 0000	73.0F 22.8C	7.0 8.1	2010 2240	146 7.29 31	81 6.66 29	212 9.27 40	2.2 .06 0	282 5.63 24	402 8.37 35	289 8.15 35	75.0 1.21 5	.4 --	.6 1377	1510 698 416	3.5 9.2	
11/02/84 1010	5050 0000	70.0F 21.1C	6.9 7.7	2700 3120	218 10.88 32	147 12.09 36	250 10.88 32	6.9 .18 1	291 5.81 17	588 12.24 36	521 14.69 43	73.0 1.18 3	.2 --	.7 1979	2150 859	3.2 9.0	
11/20/84 0855	5050 0000	58.0F 14.4C	6.8 8.0	1500 2390	160 7.98 30	131 10.77 41	175 7.61 29	9.0 .20 1	238 4.76 18	562 11.70 45	314 8.85 34	54.0 .87 3	.2 --	.4 1547	1700 700	2.5 6.7	EY
11/01/84 1415	5050 0000	73.0F 22.8C	7.1 8.0	1700 2340	145 7.24 28	91 7.48 29	245 10.66 42	2.9 .07 0	315 6.29 25	509 10.60 42	271 7.64 30	54.0 .87 3	.2 --	.9 1507	1660 422	3.9 10.6	EY
11/02/84 1335	5050 0000	74.0F 23.3C	7.0 8.0	2400 2400	179 8.93 36	101 8.31 33	170 7.40 30	10 .26 1	316 6.31 26	171 3.56 15	474 13.37 55	77.0 1.24 5	.4 --	.4 1372	1990 547	2.8 7.0	
11/20/84 1130	5050 0000	64.0F 17.8C	6.4 8.3	1800 941	76 3.79 38	27 2.22 22	86 3.74 38	4.7 .12 1	131 2.62 27	254 5.29 54	67 1.89 19	1.7 .03 0	.1 --	.4 595	637 170	2.2 4.4	Y
10/10/84 1345	5050 0000	73.0F 22.8C	7.0 8.3	3000 3030	183 9.13 27	108 8.88 26	360 15.66 46	8.2 .21 1	268 5.35 16	574 11.95 35	493 13.90 41	162 2.61 8	.5 --	.7 2049	2330 634	3.2 14.0	E
10/10/84 1230	5050 0000	70.0F 21.1C	7.2 8.0	1700 2290	123 6.14 26	81 6.66 28	250 10.88 46	6.1 .16 1	234 4.68 20	217 4.52 19	451 12.72 54	88.0 1.42 5	.2 --	.7 1357	1910 406	4.3 10.8	Y S
10/10/84 1230	5050 9050	70.0F 21.1C	7.2 8.0	1700 2290	123 6.14 26	81 6.66 28	250 10.88 46	6.1 .16 1	234 4.68 20	217 4.52 19	451 12.72 54	88.0 1.42 5	.2 --	.7 1357	1910 406	4.3 10.8	Y S
11/20/84 1330	5050 0000	72.0F 22.2C	6.9 8.0	1750 1930	91 4.54 22	98 8.06 40	175 7.61 37	4.0 .10 0	289 5.77 29	230 4.79 24	314 8.89 44	44.0 .71 4	.3 --	.4 1130	1240 342	3.0 8.0	
11/02/84 1125	5050 0000	68.0F 20.0C	6.8 8.3	2500 2360	156 7.78 30	108 8.88 34	220 9.57 36	5.2 .13 0	308 5.15 24	526 10.95 42	280 7.90 30	71.0 1.15 4	.3 --	.6 1541	1700 426	3.3 9.1	E
11/19/84 1430	5050 0000	68.0F 20.0C	7.1 8.1	2400 2430	138 6.89 27	89 7.32 29	255 11.09 44	4.6 .12 0	264 5.27 21	340 7.08 28	406 11.45 45	113 1.82 7	.2 --	.8 1504	1810 447	4.2 10.9	
10/09/84 1700	5050 0030	70.0F 21.1C	7.0 7.7	2200 2480	134 6.59 24	108 8.88 32	285 12.40 44	7.2 .18 1	428 8.55 31	479 9.97 36	320 9.02 33	11.5 .19 1	.4 --	.7 1602	1740 351	4.4 12.6	E
11/19/84 1623	5050 0000	67.0F 19.4C	6.8 8.0	2200 2240	121 6.04 24	101 8.31 34	235 10.22 41	3.8 .10 0	296 5.91 24	521 10.85 44	259 7.30 30	24.0 .39 2	.3 --	.7 1443	1570 422	3.8 10.2	E
10/10/84 1120	5050 0000	68.0F 20.0C	6.9 7.7	2200 2290	114 5.69 22	97 7.98 30	285 12.40 47	5.0 .13 0	320 6.39 25	545 11.35 44	256 7.22 28	40.0 .65 3	.3 --	.8 1534	1690 364	4.7 12.7	E S
10/10/84 1120	5050 5050	68.0F 20.0C	6.9 7.7	2200 2290	114 5.69 22	97 7.98 30	285 12.40 47	5.0 .13 0	320 6.39 29	545 11.35 44	256 7.22 28	40.0 .65 3	.3 --	.8 1534	1690 364	4.7 12.7	E S
7-03 7-09.4 7-09.12 175/02W-33R01		SWEETWATER MII LOWER SWEETWATER HA LA NATION HSA															
01/22/85 1900	5050 5050	73.0F 22.9C	7.4 7.1	1250 5470	69 3.44 6	117 9.62 17	938 40.80 74	.52 1.33 2	448 8.95 16	307 6.39 12	1420 40.04 72	1.2 .02 3	1.1 --	1.3 1174	3150 206	16.0 42.9	Y

TABLE E-1 (CONTINUED)  
MINERAL ANALYSIS OF GROUND WATER

DATE TIME	SAMPLER LAB	TEMP	FIELD LABORATORY PH	EC	MINERAL CONSTITUENTS IN				MILLIGRAMS PER LITER MILLIEQUIVALENTS PER LITER PERCENT REACTANCE VALUE				MILLIGRAMS PER LITER				REMARKS	
					CA	MG	NA	K	CaCO3	SO4	CL	MO3	TURB	SI02	TDS SUM	TN MCM		SAR ANAR
*****																		
7 7-09 7-09.4 7-09.42 175/02W-33N02 S		SAN DIEGO HR SWEETWATER HU LOWER SWEETWATER HA LA MACINNA HSA																
01/22/83 1413	5050 5050	73.0F 22.4C	7.4 7.5	1000 4260	120 5.99 14	81 6.66 15	700 30.45 70	12 .32 1	474 9.47 21	341 7.10 16	975 27.50 62	2.4 .04 0	.6 --	1.0 --	2550 2517	632 159	12.1 33.1	Y
175/02W-35G02 S																		
01/22/83 1615	5050 5050	60.0F 15.5C	7.4 7.8	890 1060	179 8.93 28	80 6.58 21	370 16.10 51	4.4 .11 0	298 5.95 19	374 7.79 25	636 17.94 37	1.6 .03 0	.4 --	.7 --	1890 1624	776 478	5.8 19.4	Y
175/02W-36N01 S																		
12/04/84 1300	5050 5050	72.0F 22.2C	7.6 7.5	3600 4040	124 6.19 17	5.0 .41 1	561 29.62 81	12 .31 1	60 1.20 3	146 3.04 8	1150 32.43 88	.5 .01 0	1.6 --	2.3 --	2270 2156	330 270	16.3 23.8	
7-10 7-10.8		NTAY HU OTAY WALLEY HA																
12/06/84 1400	0000 0000	90.0F 32.2C	8.0 7.5	2500 2720	62 3.09 12	4.0 .33 1	485 21.10 85	9.6 .22 1	60 1.20 5	144 3.00 12	734 20.70 83	.3 .00 0	1.7 --	1.3 --	1480 1475	171 111	16.1 21.7	
185/01W-32C01 S																		
12/06/84 1330	0000 0000	87 F 31 C	8.2 7.8	2200 2380	50 2.30 12	.0 .00 0	430 16.71 88	6.8 .17 1	32 .64 3	119 2.39 11	593 18.47 86	.0 .00 0	2.0 --	2.6 --	1330 1278	125 93	16.7 16.0	
185/02W-22L02 S																		
12/03/84 1030	5050 5050	70.0F 21.1C	7.2 7.9	1620 2240	147 7.83 36	61 5.02 23	205 8.92 41	4.9 .13 1	174 3.48 16	111 2.31 11	558 15.74 72	17.0 .27 1	.1 --	.3 --	1380 1218	642 469	3.5 6.4	Y
185/02W-22N03 S																		
12/07/84 1000	5050 5050				176 8.78 31	83 6.83 24	288 12.33 44	4.0 .10 0	210 4.20 15	167 3.48 12	670 18.89 66	134 2.16 8	.2 --	.6 --	1770 1648	780 571	4.5 11.4	
185/02W-23G01 S																		
12/05/84 1300	5050 5050	70.0F 21.1C	7.4 8.3	925 1280	66 3.29 28	29 2.38 20	142 6.16 52	3.0 .08 1	181 3.62 31	48 1.00 9	253 7.13 61	.2 .00 0	.1 --	.4 --	712 650	284 103	3.7 7.8	Y
155/02W-23H02 S																		
12/09/84 1345	5050 5050	69.0F 20.5C	6.8 7.0	570 592	30 1.50 27	12 .99 18	63 2.74 90	9.6 .25 5	76 1.32 29	62 1.29 24	79 2.23 42	18.0 .29 5	.1 --	.2 --	421 319	124 49	2.5 3.6	E T
7-11 7-11.4 7-11.42 185/01W-26J01 S		TIJUANA HU TIJUANA VALLEY HA WATER TANKS HSA																
05/29/85 1300	9050 5090				2200 79 2570	1.0 .08 0	430 16.71 82	4.6 .12 1	22 .44 2	85 1.77 8	736 20.76 98	.9 .01 0	1.0 --	2.2 --	1400 1351	201 179	13.2 19.1	
185/01W-26L01 S																		
05/29/85 1130	5050 5050				1525 40 1580	1.0 .36 1	280 12.18 85	4.4 .11 1	90 1.80 13	47 .98 7	469 11.33 81	.5 .01 0	.4 --	.4 --	902 876	104 14	11.9 16.4	
185/01W-26PJ1 S																		
05/29/85 1030	5050 9050				1550 18 1620	9.0 .41 3	300 13.05 90	4.1 .10 1	74 1.48 10	41 .85 6	435 12.27 84	1.6 .03 0	.7 --	.4 --	905 850	66 0	18.1 17.3	
185/01W-35M01 S																		
05/30/85 1200	0000 5050				10000 426 11000	200 16.45 14	1820 70.17 67	28 .73 1	280 5.99 8	943 11.31 9	3610 101.80 85	48.0 .77 1	2.2 --	1.3 --	7380 6846	1880 1607	16.3 51.0	
195/01W-03N01 S																		
05/29/85 1703	5050 5050				524 36 627	7.0 .25 31	74 3.31 56	10 .51 9	37 .74 13	170 3.54 61	37 1.04 14	28.0 .45 8	.3 --	.6 --	378 392	102 66	3.3 3.3	

## MINOR ELEMENT ANALYSES OF GROUND WATER

### Lab and Sampler Agency Code

1101 - Los Angeles County Flood Control District  
5050 - California Department of Water Resources  
5875 - Eastern Municipal Water District

### Abbreviations

TIME	- Pacific Standard Time on a 24-hour clock
EC	- Electrical conductance in microsiemens at 25 o C
TEMP	- Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
pH	- Measure of acidity or alkalinity of water
CHROM (ALL)	- All Chromium
CHROM (HEX)	- Hexavalent Chromium
D	- Dissolved
T	- Total

TABLE E-2  
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER RARIUM CADIUM CHROM (HEX)	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
II H-03 U-03.E H-03.E1 03N/15W-05002 S				LOS ANGELES HA SANTA CLARA-CALLERGUAS HU UPPER SANTA CLARA RIVER HA EASTERN HSA				
03/07/85 1600	1101 1101		66.0F	--	--	2.10 0	0.012 0	--
03N/16W-02R02 S								
03/18/85 0945	1101 1101		69.0F	--	--	0.030 0	0.012 0	--
03N/16W-11H02 S								
03/21/85 1101	1101 1101		59.0F	--	--	0.13 0	0.012 0	--
04N/14W-17H04 S								
03/07/85 1325	1101 1101		50.0F	--	--	0.30 0	0.012 0	--
04N/15W-01E01 S								
03/07/85 1415	1101 1101		60.0F	--	--	0.360 0	0.012 0	--
04N/15W-02J03 S								
03/07/85 1405	1101 1101		58.0F	--	--	0.030 0	0.012 0	--
04N/15W-06N01 S								
03/12/85 1035	1101 1101		60.0F	--	--	0.030 0	0.012 0	--
04N/15W-06P02 S								
03/21/85 0940	1101 1101		65.0F	--	--	0.030 0	0.012 0	--
04N/15W-11R02 S								
03/07/85 1345	1101 1101		59.0F	--	--	0.036 0	0.012 0	--
04N/15W-11N03 S								
03/12/85 1310	1101 1101		64.0F	--	--	0.030 0	0.012 0	--
04N/15W-18N02 S								
03/21/85 1000	1101 1101		61.0F	--	--	0.030 0	0.012 0	--
04N/15W-21M06 S								
03/21/85 1101	1101 1101		68.0F	--	--	0.030 0	0.012 0	--
04N/15W-23F04 S								
03/21/85 1101	1101 1101			--	--	0.120 0	0.012 0	--
04N/15W-26K01 S								
03/12/85 1410	1101 1101		60.0F	--	--	0.030 0	0.012 0	--
04N/16W-12N02 S								
03/21/85 0945	1101 1101		63.0F	--	--	0.030 0	0.012 0	--
04N/16W-14E02 S								
03/14/85 1145	1101 1101		62.0F	--	--	0.030 0	0.012 0	--
04N/16W-15R01 S								
03/14/85 1155	1101 1101		64.0F	--	--	0.038 0	0.012 0	--
04N/16W-22002 S								
03/14/85 1200	1101 1101		68.0F	--	--	0.044 0	0.012 0	--
04N/16W-22M01 S								
03/14/85 1140	1101 1101		64.0F	--	--	0.230 0	0.012 0	--
04N/16W-27J03 S								
03/18/85 1315	1101 1101		68.0F	--	--	0.031 0	0.023 0	--
04N/16W-34A01 S								
03/18/85 1330	1101 1101		68.0F	--	--	0.030 0	0.012 0	--

TABLE E-2 (CONTINUED)  
MINOR ELEMENT ANALYSES OF FRODO WATER

DATE TIME	SAMP LAR	EC	TEMP PM	ARSENIC	CONSTITUENTS RARIUM C40M1UM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
U U-03 U-03.E U-03.E1 04N/16W-35K01 S				LOS ANGELES HR SANTA CLARA-CALLEGUAS HU UPPER SANTA CLARA RIVER HA EASTERN HSA						
CONTINUEO										
03/14/85 1000	1101 1101		58.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-35L01 S										
03/19/85 0850	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-35M05 S										
03/18/85 1345	1101 1101		65.0F	--	--	--	0.030 0	0.012 0	--	--
04N/16W-36M04 S										
03/21/85 1101	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-03K02 S										
03/20/85 1145	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-13C01 S										
03/20/85 0930	1101 1101		69.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-14004 S										
03/20/85 0920	1101 1101		69.0F	--	--	--	0.030 0	0.012 0	--	--
04N/17W-22E02 S										
03/20/85 0950	1101 1101		69.0F	--	--	--	0.03 0	0.012 0	--	--
05N/14W-29P01 S										
03/12/85 1250	1101 1101		70.0F	--	--	--	0.045 0	0.012 0	--	--
05N/15W-33E01 S										
03/12/85 1045	1101 1101		98.0F	--	--	--	0.074 0	0.012 0	--	--
05N/16W-34P02 S										
03/20/85 1110	1101 1101		68.0F	--	--	--	0.030 0	0.012 0	--	--
05N/16W-36803 S										
03/12/85 1015	1101 1101		54.0F	--	--	--	0.044 0	0.012 0	--	--
U-03.E4 05N/13W-18R01 S				SIERRA PELONA HSA						
03/12/85 1140	1101 1101		55.0F	--	--	--	0.030 0	0.012 0	--	--
05N/14W-14F02 S										
03/07/85 1905	1101 1101		59.0F	--	--	--	0.030 0	0.012 0	--	--
U-03.E5 04N/12W-02E02 S				ACTON HSA						
03/12/85 1130	1101 1101		50.0F	--	--	--	0.0140 0	0.037 0	--	--
04N/12W-05G02 S										
03/07/85 1120	1101 1101		50.0F	--	--	--	0.068 0	0.032 0	--	--
04N/13W-01C02 S										
03/07/85 1020	1101 1101		60.0F	--	--	--	0.036 0	0.012 0	--	--
04N/13W-09M01 S										
03/07/85 1215	1101 1101		55.0F	--	--	--	0.030 0	0.012 0	--	--
04N/13W-11L01 S										
03/07/85 1135	1101 1101		64.0F	--	--	--	0.030 0	0.012 0	--	--
04N/13W-12C04 S										
03/07/85 1145	1101 1101		59.0F	--	--	--	0.030 0	0.012 0	--	--

TABLE E-2 (CONTINUED)

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS IN MILLIGRAMS PER LITER				LEAD	MANGANESE	MERCURY SELENIUM	SILVER ZINC
					BARIIUM CADIUM	COPPER IRON	CHROM (HEX)					
II II-03 II-03.E II-03.E5 04N/13W-15401 S				LOS ANGELES HR SANTA CLARA-CALLEGIAS HW UPPER SANTA CLARA RIVER HA ACTON HSA				CONTINUED				
03/07/85 1203	1101 1101		50.0F	--	--	--	--	0.030	0	0.012	0	--
04N/14W-15401 S												
03/12/85 1130	1101 1101		60.0F	--	--	--	--	0.030	0	0.012	0	--
05N/12W-32F03 S												
03/07/85 1040	1101 1101		50.0F	--	--	--	--	0.030	0	0.012	0	--
05N/13W-25C01 S												
03/07/85 1000	1101 1101		49.0F	--	--	--	--	0.062	0	0.012	0	--
05N/13W-35A03 S												
03/12/85 1150	1101 1101		58.0F	--	--	--	--	0.036	0	0.012	0	--
U-05 U-05.A U-05.A5 015/12W-05G01 S				LA-SAN GABRIEL RIVER HW COASTAL PLAIN HA CENTRAL HSA								
07/30/85 1350	5050 1350			--	--	--	--	0.030	0	0.012	0	--
U-05.C U-05.C1 01N/11W-30D04 S				RAYMONO HA PASADENA HSA								
08/12/85	1101			--	--	--	--	0.000	0	0.012	0	--
01N/11W-30H01 S												
08/23/85 0700	1101 0700			--	--	--	--	0.030	0	0.012	0	--
01N/11W-30J01 S												
05/03/85 5050	5050 5050			--	--	--	--	0.02	0	--	--	--
06/04/85 5050	5050 5050			--	--	--	--	0.05	0	0.00	0	0.02
01N/12W-20R01 S												
04/25/85 5050	5050 5050			--	--	--	--	0.02	0	--	--	--
08/12/85 1037	5050 1037			--	--	--	--	0.03	0	0.00	0	0.02
01N/12W-21K01 S												
08/12/85 1110	1101 1110			--	--	--	--	0.030	0	0.012	0	--
01N/12W-25K01 S												
01/25/85 1230	5050 5050			--	--	--	--	0.00	0	--	--	--
01N/12W-26A01 S	5050			--	--	--	--	0.00	0	0.01	0	0.49
04/30/85 5050	5050 5050			--	--	--	--	0.23	0	--	--	--
01N/12W-28N01 S	5050			--	--	--	--	1.5	0	0.00	0	0.07
08/16/85 1535	5050 1535			--	--	--	--	0.030	0	0.012	0	--
01N/12W-34C01 S												
04/30/85 5050	5050 5050			--	--	--	--	0.01	0	--	--	--
01N/12W-34E04 S	5050			--	--	--	--	0.13	0	0.00	0	0.02
01/25/85 1330	5050 5050			--	--	--	--	0.00	0	--	--	--
07/30/85 5050	5050 5050			--	--	--	--	0.00	0	0.00	0	0.00
01N/12W-34E14 S												
04/30/85 5050	5050 5050			--	--	--	--	0.030	0	0.012	0	--
01N/12W-34N01 S	5050			--	--	--	--	0.01	0	--	--	--
01/25/85 1000	5050 5050			--	--	--	--	0.01	0	0.01	0	0.01
01N/12W-34N01 S												
01/25/85 1000	5050 5050			0.00	0	0.00	0	--	0.00	0	0.030	0
01/25/85 1300	5050 5050			--	--	--	--	0.00	0	--	--	--
07/31/85 1315	5050 1315			--	--	--	--	0.00	0	0.00	0	0.02
01N/12W-34N01 S												
07/31/85 1315	5050 1315			--	--	--	--	0.030	0	0.012	0	--

TABLE E-2 (CONTINUED)  
MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PM	ARSENIC	BARIUM CADMIUM	CHROM (ALL) CHROM (HEX)	PB COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
				LOS ANGELES HA LA-SAN GABRIEL RIVER HA RAYMOND HA PASADENA HSA						
				CONTINUED						
07/31/85	5050									
1000				--	--	--	0.030 T	0.012 T	--	--
				MONK HILL HSA						
07/31/85	5050									
0730				--	--	--	0.030 T	0.012 T	--	--
				01N/12W-05G01 S						
01/25/85	5050									
1040	5050			--	--	--	0.00 0 0.03 0	-- 0 0.00 0	--	-- 0 0.00 0
				01N/12W-05H01 S						
05/01/85	5050			0.00 0	0.1 0 0.00 0	0.00 0	--	0.00 0	0.000 T 0.00 0	0.00 0
				01N/12W-06H01 S						
06/04/85	5050						0.02 0 0.02 0	-- 0 0.00 0	--	-- 0 0.03 0
				01N/12W-06H06 S						
01/25/85	5050									
1030	5050			0.00 0	0.0 0 0.00 0	0.00 0	--	0.01 0	0.030 T 0.00 0	0.00 0
07/30/85	5050									
1435				--	--	--	0.030 T	0.012 T	--	--
				01N/12W-08H02 S						
01/25/85	5050									
1120	5050			--	--	--	0.00 0 0.00 0	-- 0 0.00 0	--	-- 0 0.02 0
07/31/85	1101									
0700				--	--	--	0.030 T	0.012 T	--	--
				01N/12W-09E01 S						
01/25/85	1100									
1100	5050			--	--	--	0.00 0 0.01 0	-- 0 0.00 0	--	-- 0 0.02 0
				01N/12W-09H01 S						
01/25/85	5050									
1140	5050			--	--	--	0.00 0 0.17 0	-- 0 0.00 0	--	-- 0 0.01 0
06/05/85	5050									
5050				0.00 0	0.0 0 0.00 0	0.00 0	--	0.00 0	0.031 T 0.00 0	0.00 0
				U-05.C3 SANTA ANITA HSA 01N/11W-21C06 S						
01/25/85	5050									
1020	5050			0.00 0	0.0 0 0.00 0	0.00 0	--	0.00 0	0.000 T 0.00 0	0.00 0
				U-05.D SAN GABRIEL VALLEY HA U-05.D1 MAIN SAN GABRIEL HSA 01N/09W-19K01 S						
07/31/85	1101		72.0F							
0930				--	--	--	0.030 T	0.012 T	--	--
				01N/10W-34L01 S						
07/30/85	1101		63.0F							
0940				--	--	--	0.030 T	0.012 T	--	--
				01N/11W-31R01 S						
08/15/85	1101		70.0F							
1459				--	--	--	0.030 T	0.012 T	--	--
				01N/11W-34H03 S						
07/31/85	5050									
0730				--	--	--	0.030 T	0.012 T	--	--
				01N/11W-35L01 S						
08/15/85	1101		64.0F						0.012 T	--
1056				--	--	--	0.030 T	--	--	--
				01S/09W-04J01 S						
08/28/85	1101		68.0F							
				--	--	--	0.030 T	0.012 T	--	--
				01S/10W-07A06 S						
08/05/85	1101		56.0F							
				--	--	--	0.030 T	0.012 T	--	--
				01S/10W-12P01 S						
08/01/85	5050									
1335				--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
II II-05 II-05.0 II-05.01 015/104-19007 S				LOS ANGELES HA LA-SAN GABRIEL RIVER HA SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA						CONTINUED
08/05/85	1101		66.0F	--	--	--	0.030 T	0.012 T	--	--
	015/104-20805 S									
09/01/85	5050 1445			--	--	--	0.030 T	0.012 T	--	--
	015/104-21F02 S									
08/20/85	1101 0816		69.0F	--	--	--	0.030 T	0.012 T	--	--
	015/104-31P03 S									
07/31/85	5050 0915			--	--	--	0.030 T	0.012 T	--	--
	015/104-32801 S									
08/01/85	5050 1435			--	--	--	0.030 T	0.012 T	--	--
	015/114-02602 S									
08/06/85	1101 0830			--	--	--	0.030 T	0.012 T	--	--
	015/114-02401 S									
08/05/85	1101 0820			--	--	--	0.030 T	0.012 T	--	--
	015/114-06002 S									
08/29/85	1101		69.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-07402 S									
07/30/85	5050 1005			--	--	--	0.030 T	0.012 T	--	--
	015/114-10F02 S									
08/15/85	1101 1107		65.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-12J07 S									
08/05/85	1101			--	--	--	0.030 T	0.012 T	--	--
	015/114-15L02 S									
08/15/85	1101 1015		64.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-22A01 S									
08/15/85	1101 1212		65.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-25001 S									
08/05/85	1101		71.0F	--	--	--	0.030 T	0.012 T	--	--
	015/114-30F01 S									
08/06/85	1101 1115			--	--	--	0.030 T	0.012 T	--	--
	015/114-34F01 S									
08/28/85	1101		69.0F	--	--	--	0.030 T	--	0.012 T	--
	015/124-10E01 S									
07/30/85	5050			--	--	--	0.030 T	0.012 T	--	--
	015/124-13801 S									
07/30/85	1101 0925			--	--	--	0.030 T	0.012 T	--	--
	015/124-24E04 S									
08/15/85	1101 1132		71.0F	--	--	--	0.030 T	0.012 T	--	--
	015/124-25A01 S									
08/06/85	1101 1055			--	--	--	0.030 T	0.012 T	--	--
	015/124-25A08 S									
08/06/85	1101 1125			--	--	--	0.030 T	0.012 T	--	--

TABLE E-2 (CONTINUED)

MINOR ELEMENT ANALYSES OF GROUND WATER											
DATE TIME	SAMP LAR	EC	TEMP PH	ARSENIC	CONSTITUENTS RARIUM CAONIUM	IN MILLIGRAMS CHROM (ALL) CHROM (MEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC	
U U-03 U-03.D U-03.01 025/09W-18F02 S											
				LOS ANGELES HA LA-SAN GABRIEL RIVER HU SAN GABRIEL VALLEY HA MAIN SAN GABRIEL HSA							
								CONTINUED			
08/20/85 1229	1101		66.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
025/09W-18N01 S											
08/20/85 1400	1101		73.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
025/10W-08E02 S											
08/29/85	1101			--	--	--	-- 0.030 T	-- 0.012 T	--	--	
025/10W-13W02 S											
08/03/85	1101		72.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
U-03.02 01N/10W-29K01 S											
				LOWER CANYON HSA							
08/13/85 0949	1101		63.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
U-03.03 01N/10W-23C01 S											
				UPPER CANYON HSA							
07/30/85 1015	1101		61.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
01N/10W-27C02 S											
07/30/85 0845	1101		61.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
U-03.E U-03.E1 01S/09W-250J1 S											
				SPADRA HA SAN JOSE WASH HSA							
08/20/85 1030	1101		68.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
01S/09W-26N31 S											
08/08/85	1101			--	--	--	-- 0.030 T	-- 0.012 T	--	--	
U-03.E2 01S/08W-07G02 S											
				POMONA HSA							
07/30/85 1415	1101		72.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
01S/08W-10N01 S											
08/15/85	1101		68.0F	--	--	--	-- 0.030 T	-- 0.012 T	--	--	
01S/09W-12R01 S											
08/02/85 0800	5050 0800			--	--	--	-- 0.030 T	-- 0.012 T	--	--	

TABLE E-2 (CONTINUED)

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Y Y-01 Y-01.R Y-01.R1 01S/08V-10N07 S				SANTA ANA HA SANTA ANA RIVER HU MIDDLE SANTA ANA RIVER HA CHINO HSA					
07/30/85 1350	1101		64.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-19A02 S									
08/28/85	1101		71.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-28N01 S									
08/08/85	1101			--	--	--	0.030 T	0.012 T	--	--
	01S/08V-32P05 S									
08/05/85	1101		70.0F	--	--	--	0.030 T	0.012 T	--	--
	Y-01.R3 01S/08V-03A01 S				CLARENDON HSA					
07/30/85 1310	1101		64.0F	--	--	--	0.030 T	0.012 T	--	--
	01S/08V-03F03 S									
08/08/85	1101			--	--	--	0.030 T	0.012 T	--	--
	Y-02 Y-02.A Y-02.R1 05S/01V-01C01 S				SAN JACINTO VALLEY HU SAN JACINTO HA GILMAN MDT SPRTNGS HSA					
05/02/85 0800	58T5 58T5			--	0.1	T	0.1 T	0.1 T	--	0.1 T

## MINOR ELEMENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	EC	TEMP PH	ARSENIC	CONSTITUENTS BARIUM CADMIUM	IN MILLIGRAMS CHROM (ALL) CHROM (HEX)	PER LITER COPPER IRON	LEAD MANGANESE	MERCURY SELENIUM	SILVER ZINC
	Z Z-07 Z-07.A Z-07.A3 16S/01V-12J01 S				SAN DIEGO HA SAN DIEGO RIVER HU LOWER SAN DIEGO HA EL CAJON HSA					
10/10/84 1345	9050	3000	73.0 74.0	--	--	--	0.03 0	--	--	--

# **TABLE E-3** **MISCELLANEOUS ANALYSES OF GROUND WATER**

## **Lab and Sampler Agency Codes**

5050      -      California Department of Water Resources

## **Abbreviations and Constituents**

TIME	- Pacific Standard Time on a 24-hour clock
L-pH	- Lab determination of acidity or alkalinity of water
MBAS	- Methylene blue active substance (a test for detergent surfactants) in milligrams per liter
T+L	- Tannin and lignin as tannic acid in milligrams per liter
CHLOR	- Field determination of residual chlorine in milligrams per liter
O+G	- Oil and grease in milligrams per liter
COLOR	- True color in color units
SET S	- Settleable solids in milliliters per liter (ML/L) and milligrams per liter (MG/L)
BOD	- Biochemical oxygen demand in milligrams per liter: B = 5 days
SUS S	- Suspended solids in milligrams per liter; 5 = at 105 degrees C
COD	- Chemical oxygen demand in milligrams per liter
V SUS S	- Volatile suspended solids in milligrams per liter
CYANIDE	- Cyanide in milligrams per liter
PHENOLS	- Phenols in milligrams per liter
TOC	- Total organic carbon in milligrams per liter
DOC	- Dissolved organic carbon in milligrams per liter
IODIDE	- Iodide in milligrams per liter
T ODOR	- Threshold odor number at 60 degrees C
BROMIDE	- Bromide in milligrams per liter
SULFITE	- Sulfite in milligrams per liter
T SULF	- Total sulfides in milligrams per liter
D SULF	- Dissolved sulfides in milligrams per liter
CC EXT	- Carbon chloroform extract
CA EXT	- Carbon alcohol extract

TABLE E-3  
MISCELLANEOUS ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	L-PM	MAAS	T+L CHLNR	SET S N+G COLOR	ML/L MG/L	RON SUS S	COO V SUS S	CYANIDE PHENOLS	TDC DOC	IDOIOE T NOOR	BROMINE SULFITE	T SULF O SULF	CC EXT CA EXT
	U U-05 U-05.C U-05.C1 01N/114-30J01 S													
05/03/85	5050													
	5050	7.7	0.00 L	--	--	1	--	--	--	--	--	--	--	--
06/04/85	5050													
	5050	8.1	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-20801 S													
04/25/85	5050													
	5050	7.5	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-25K01 S													
01/25/85	5050													
	1230 5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-26A01 S													
04/30/85	5050													
	5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-34C01 S													
04/30/85	5050													
	5050	8.1	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-34E04 S													
01/25/85	5050													
	1330 5050	8.3	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-34E14 S													
04/30/85	5050													
	5050	8.0	0.00 L	--	--	2	--	--	--	--	--	--	--	--
	01N/124-34N01 S													
01/25/85	5050													
	1303 5050	7.9	0.00 L	--	--	0	--	--	--	--	--	--	--	--
	U-05.C2 01N/124-05601 S													
01/25/85	5050													
	1040 5050	8.0	0.00 L	--	--	0	--	--	--	--	--	--	--	--
	01N/124-06M06 S													
06/04/85	5050													
	5050	7.7	0.02 L	--	--	0	--	--	--	--	--	--	--	--
	01N/124-08402 S													
01/25/85	5050													
	1120 5050	8.0	0.01 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-09E01 S													
01/25/85	5050													
	1100 5050	8.2	0.00 L	--	--	1	--	--	--	--	--	--	--	--
	01N/124-09R01 S													
01/25/85	5050													
	1140 5050	7.7	0.00 L	--	--	3	--	--	--	--	--	--	--	--

# **TABLE E-4** **NUTRIENT ANALYSES OF GROUND WATER**

## **Lab and Sampler Agency Code**

1101	-	Los Angeles County Flood Control District
5050	-	California Department of Water Resources

## **Abbreviations**

TIME	-	Pacific Standard Time on a 24-hour clock
TEMP	-	Water temperature at time of sampling in degrees Fahrenheit (F) or Celsius (C)
F EC	-	Field determination of electrical conductance in microsiemens at 25°C
F PH	-	Field determination of acidity or alkalinity
TURB	-	Jackson Turbidity Units measured with a Hach Nephelometer, (A), if in the field, (F)
F-CO2	-	Field determination of carbon dioxide in milligrams per liter
P ALK	-	Field determination of alkalinity (phenol)
T ALK	-	Field determination of alkalinity (total)

## **(Nitrogen Series as N)**

D N02+N03	-	Dissolved nitrite and nitrate
D N02	-	Dissolved nitrite
D N03	-	Dissolved nitrate
D ORG N	-	Dissolved organic nitrogen
T ORG N	-	Total organic nitrogen
D NH 3	-	Dissolved ammonia
T NH 3	-	Total ammonia
T (NH3+ORG N)	-	Total ammonia plus organic nitrogen

## **(Phosphorus Series as P)**

DIS.A.H.P04	-	Dissolved acid hydrolyzable phosphate
D O-P04	-	Dissolved orthophosphate
T O-P04	-	Total orthophosphate
D TOT P	-	Dissolved total phosphorus
T TOT P	-	Total phosphorus
REM	-	Remarks: code letter Z means that the value of the constituent is greater than the field limit, in which case all 9's will appear.

NUTRIENT ANALYSES OF GROUND WATER

203

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	TURB F C02	FIELD P ALY T ALK	D NO2 + NO3	N NO2 N NO3	CONSTITUENTS IN MILLIGRAMS PER LITER D ORG N T ORG N	NH3 T NH3 + T NH3	OT5 T OT5 + T OT5	O-P04 T O-P04	O-TOT P T TOT P	REMARKS
U U-03 U-03.F U-03.E1 04N/16W-35K01 S													
LOS ANGELES NR SANTA CLARA-CALLEGUAS HII UPPER SANTA CLARA RIVER NA EASTERN HSA													
CONTINUED													
03/14/85 1000	1101 1101	59.0F				--	0.006 1.264	-- --	-- 0.01	-- --	0.230 --	-- --	
04N/16W-35L01 S													
03/19/85 0850	1101 1101	68.0F				--	0.015 0.203	-- --	-- 0.01	-- --	0.130 --	-- --	
04N/16W-35M05 S													
03/18/85 1345	1101 1101	65.0F				--	0.015 0.430	-- --	-- 0.01	-- --	0.130 --	-- --	
04N/16W-36M04 S													
03/21/85 1101	1101 1101	68.0F				--	0.006 0.723	-- --	-- 0.13	-- --	0.120 --	-- --	
04N/17W-03K02 S													
03/20/85 1145	1101 1101	68.0F				--	0.015 0.564	-- --	-- 0.01	-- --	0.10 --	-- --	
04N/17W-13C01 S													
03/20/85 0930	1101 1101	69.0F				--	0.015 0.745	-- --	-- 0.01	-- --	0.10 --	-- --	
04N/17W-14004 S													
03/20/85 0920	1101 1101	69.0F				--	0.015 0.190	-- --	-- 0.01	-- --	0.070 --	-- --	
04N/17W-22E02 S													
03/20/85 0950	1101 1101	69.0F				--	0.015 0.474	-- --	-- 0.01	-- --	0.1 --	-- --	
05N/14W-29P01 S													
03/12/85 1250	1101 1101	70.0F				--	0.006 1.44	-- --	-- 0.05	-- --	0.210 --	-- --	
05N/15W-33E01 S													
03/12/85 1045	1101 1101	59.0F				--	0.006 0.140	-- --	-- 0.01	-- --	0.130 --	-- --	
05N/16W-34P02 S													
03/20/85 1110	1101 1101	68.0F				--	0.015 0.190	-- --	-- 0.01	-- --	0.100 --	-- --	
05N/16W-36R03 S													
03/12/85 1015	1101 1101	54.0F				--	0.006 0.108	-- --	-- 0.01	-- --	0.100 --	-- --	
U-03.E4 05N/13W-18R01 S													
SIERRA PELONA HSA													
03/12/85 1140	1101 1101	55.0F				--	0.006 0.338	-- --	-- 0.01	-- --	0.10 --	-- --	
05N/14W-14F02 S													
03/07/85 1505	1101 1101	59.0F				--	0.006 0.006	-- --	-- 0.01	-- --	0.120 --	-- --	
U-03.E5 04N/12W-02E02 S													
ACTION HSA													
03/12/85 1130	1101 1101	50.0F				--	0.006 0.406	-- --	-- 0.01	-- --	0.130 --	-- --	
04N/12W-05G02 S													
03/07/85 1120	1101 1101	50.0F				--	0.006 2.122	-- 0.150	-- 0.01	-- --	-- --	-- --	
04N/13W-01C02 S													
03/07/85 1020	1101 1101	60.0F				--	0.006 0.496	-- --	-- 0.01	-- --	0.170 --	-- --	
04N/13W-09N01 S													
03/07/85 1215	1101 1101	55.0F				--	0.006 0.203	-- --	-- 0.01	-- --	0.180 --	-- --	
04N/13W-11L01 S													
03/07/85 1135	1101 1101	64.0F				--	0.006 0.451	-- --	-- 0.01	-- --	0.180 --	-- --	
04N/13W-12C04 S													
03/07/85 1145	1101 1101	70.0F				--	0.006 0.214	-- --	-- 0.01	-- --	0.220 --	-- --	

DATE TIME	SAMP LAB	TEMP	FIELD				CONSTITUENTS IN MILLIGRAMS PER LITER								O O-P04	O TOT P
			F EC	THIR F C02	P ALK	N NO2 + NO3	N NO2	N NO3	N NH4	N NH4	N NH4	N NH4	N NH4	N NH4		
	U U-03 U-03.F U-03.E5 04N/13V-15A01 S		LOS ANGELES HR SANTA CLARA-CALLEGIAS MII UPPER SANTA CLARA RIVER HA ACTON HSA				CONTINUED									
03/07/85 1203	1101 1101	50.0F				--	0.006 0.185	--	--	--	--	--	--	0.180 --	--	
	04N/14V-15H01 S															
03/12/85 1130	1101 1101	60.0F				--	0.006 0.293	--	--	0.01	--	--	--	0.180 --	--	
	05N/12W-32F03 S															
03/07/85 1040	1101 1101	50.0F				--	0.006 0.609	--	--	0.01	--	--	--	0.150 --	--	
	05N/13W-25C01 S															
03/07/85 1000	1101 1101	49.0F				--	0.006 0.912	--	--	0.03	--	--	--	0.09 --	--	
	U-05 U-05.A U-05.A5 01S/12V-05F01 S		LA-SAN GABRIEL RIVER MII COASTAL PLAIN HA CENTRAL HSA													
07/30/85 1350	5050					--	--	--	--	--	--	--	--	--	--	
	U-05.C U-05.C1 01N/11V-30D04 S		RAYMOND HA PASADENA HSA													
08/12/85	1101					--	10.0 5.3	--	--	--	--	--	--	--	--	
	01N/11V-30H01 S															
08/23/85 0700	1101					--	50.0 4.3	--	--	--	--	--	--	0.40 --	--	
	01N/12W-20R01 S															
08/12/85 1037	5050					--	--	--	--	--	--	--	--	0.150 --	--	
	01N/12W-21K01 S															
08/12/85 1110	1101					--	10.3 7.90	--	--	--	--	--	--	0.05 --	--	
	01N/12W-28N01 S															
08/16/85 1535	5050					--	20.0 0.260	--	--	--	--	--	--	50.0 --	--	
	01N/12W-34F04 S															
07/30/85	5050					--	0.050 9.30	--	--	--	--	--	--	50.0 --	--	
	01N/12W-34N01 S															
07/31/85 1315	5040					--	0.120 19.0	--	--	--	--	--	--	50.0 --	--	
	01N/12W-35R01 S															
07/31/85 1000	5050					--	10.0 8.60	--	--	--	--	--	--	0.070 --	--	
	U-05.C2 01N/11W-21G02 S		MONK HILL HSA													
07/31/85 0750	5050					--	10.0 1.20	--	--	--	--	--	--	0.06 --	--	
	01N/12W-05M06 S															
07/30/85 1435	5040					--	0.370 11.0	--	--	--	--	--	--	0.160 --	--	
	01N/12W-08A02 S															
07/31/85 0700	1101					--	--	--	--	--	--	--	--	--	--	
	U-05.D U-05.D1 01N/10W-10K01 S		SAN GAB													

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAB	TEMP	F EC F PH	T TIR F CO2	FIELD P ALK T ALK	O NO2 + NO3	O NO2 D NO3	CONSTITUENTS IN MILLIGRAMS PER LITER					O N-PO4 T O-PO4	O TOT P T TOT P
								O ORG N T OPG N	O NH3 T NH3	T NH3 + ORG N	NIS A.W.P.O4			
	II II-05 II-05.D II-05.D1 01N/11W-34N03 S				LOS ANGELES NR LA-SAN GABRIEL RIVER WII SAN GABRIEL VALLEY WA MAIN SAN GABRIEL HSA									
														CONTINUED
07/31/85	5050					--	10.0	--	--	--	--	--	--	
6730							7.40	--	--	--	--	0.080	--	
	01N/11W-35L01 S													
08/15/85	1101	64.0F				--	--	--	--	--	--	--	--	
1056							--	--	--	--	--	0.060	--	
	015/09W-04J01 S													
08/28/85	1101	69.0F				--	--	--	--	--	--	--	--	
							--	--	--	--	--	50.0	--	
	015/10W-0740N S													
08/05/85	1101	56.0F				--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/10W-12P01 S													
08/01/85	5050					--	--	--	--	--	--	--	--	
1339							--	--	--	--	--	--	--	
	015/10W-19001 S													
08/05/85	1101					--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/10W-20R05 S													
08/01/85	5050					--	--	--	--	--	--	--	--	
1445							--	--	--	--	--	--	--	
	015/10W-21F02 S													
08/20/85	1101	69.0F				--	--	--	--	--	--	--	--	
0816							--	--	--	--	--	--	--	
	015/10W-31P05 S													
07/31/85	5050					--	--	--	--	--	--	--	--	
0919							--	--	--	--	--	--	--	
	015/11W-02602 S													
08/06/85	1101					--	--	--	--	--	--	--	--	
0830							--	--	--	--	--	--	--	
	015/11W-02N01 S													
08/05/85	1101					--	--	--	--	--	--	--	--	
0820							--	--	--	--	--	--	--	
	015/11W-04002 S													
08/29/85	1101					--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/11W-07W02 S													
07/30/85	5050					--	--	--	--	--	--	--	--	
1005							--	--	--	--	--	--	--	
	015/11W-10F02 S													
08/15/85	1101					--	--	--	--	--	--	--	--	
1107							--	--	--	--	--	--	--	
	015/11W-12J07 S													
08/05/85	1101					--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/11W-15L02 S													
08/15/85	1101	64.0F				--	--	--	--	--	--	--	--	
1015							--	--	--	--	--	--	--	
	015/11W-22R01 S													
08/15/85	1101	65.0F				--	--	--	--	--	--	--	--	
1212							--	--	--	--	--	--	--	
	015/11W-25001 S													
08/05/85	1101	71.0F				--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/11W-30F01 S													
08/06/85	1101					--	--	--	--	--	--	--	--	
1115							--	--	--	--	--	--	--	
	015/11W-34F01 S													
08/28/85	1101	69.0F				--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	
	015/12W-10F01 S													
07/30/85	5050					--	--	--	--	--	--	--	--	
							--	--	--	--	--	--	--	

NUTRIENT ANALYSES OF GROUND WATER

CONTINUED

TABLE E-4 (CONTINUED)  
NUTRIENT ANALYSES OF GROUND WATER

DATE TIME	SAMP LAR	TEMP	FIELD		CONSTITUENTS IN MILLIGRAMS PER LITER										D 0-P04 T 0-P04	D TOT P T TOT P
			F EC F PH	THRR F CO2	P ALK T ALK	D NO2 + NO3	D NO2 D NO3	D ORG N T ORG N	D NH3 T NH3	T NH3 + ORG N	DIS A-H-P04					
	Y				SANTA ANA HR											
	Y-01				SANTA ANA RIVER HII											
	Y-01.R				MIDDLE SANTA ANA RIVER HA											
	Y-01.R1				CHIND HSA											
	01S/0RW-10N07 S															
07/30/85	1101	64.0F				--	--	--	--	--	--	--	--	50.0	--	--
1350							--	--	--	--	--	--	--			
	01S/0RW-10A02 S															
08/28/85	1101	71.0F				--	--	--	--	--	--	--	--	50.0	--	--
							--	--	--	--	--	--	--			
	01S/0RW-28N01 S															
08/08/85	1101					--	10.0	--	--	--	--	--	--	50.0	--	--
							17.0	--	--	--	--	--	--			
	01S/0RW-32P05 S															
08/05/85	1101	70.0F				--	--	--	--	--	--	--	--	0.070	--	--
							--	--	--	--	--	--	--			
	Y-01.R3				CLAREMONT HSA											
	01S/0RW-09A01 S															
07/30/85	1101	64.0F				--	--	--	--	--	--	--	--	50.0	--	--
1310							--	--	--	--	--	--	--			
	01S/0RW-03F03 S															
08/08/85	1101					--	10.0	--	--	--	--	--	--	50.0	--	--
							4.0	--	--	--	--	--	--			

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## ADDITIONAL INFORMATION

Inquiries regarding specific stations or local data should be directed to the Department of Water Resources offices shown below:

### County

### District Office

Butte, Colusa, Del Norte, Glenn, Humboldt,  
Lake, Lassen, Modoc, Plumas, Shasta,  
Siskiyou, Tehama, and Trinity

Northern District  
P. O. Box 607  
2440 Main Street  
Red Bluff, CA 96080  
(916) 527-6530

Alameda, Alpine, Amador, Calaveras, Contra  
Costa, El Dorado, Marin, Mendocino, Mono  
(North), Napa, Nevada, Placer, Sacramento,  
San Francisco, San Joaquin, San Mateo,  
Santa Clara, Sierra, Solano, Sonoma, Sutter,  
Tuolumne, Yolo, and Yuba

Central District  
3521 "S" Street  
Sacramento, CA 95816-7017  
(916) 445-6831

Fresno, Kern (valley), Kings, Madera, Mariposa,  
Merced, Monterey, San Benito, Santa Cruz,  
Stanislaus, and Tulare

San Joaquin District  
3374 East Shields Avenue  
Fresno, CA 93726-6990  
(209) 445-5443

Imperial, Inyo, Kern (desert), Los Angeles,  
Orange, Riverside, Mono (South), San  
Bernardino, San Diego, San Luis Obispo,  
Santa Barbara, and Ventura

Southern District  
P. O. Box 6598  
849 South Broadway, Suite 500  
Los Angeles, CA 90055-1598  
(213) 620-4107

Inquiries regarding statewide data should be directed to the Division of Planning:

Department of Water Resources  
Division of Planning  
Statewide Data Coordinator  
P. O. Box 942836  
Sacramento, CA 94236-0001  
(916) 445-7314

State of California—Resources Agency  
Department of Water Resources  
P.O. Box 942836  
Sacramento CA 94236-0001



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